

# PUBLICATIONS ASTRONOMIE NEUTRINO – 14 APR 2024

## article

2024

1. Embedded software of the KM3NeT central logic board, S. Aiello *et al.*, KM3NeT Collaboration, *Comput. Phys. Commun.* 296 (2024) 109036
2. Prospects for combined analyses of hadronic emission from  $\gamma$ -ray sources in the Milky Way with CTA and KM3NeT, T. Unbehaun *et al.*, CTA Consortium, KM3NeT Collaboration, *Eur. Phys. J. C* 84 (2024) 112
3. Searches for Neutrinos in the Direction of Radio-bright Blazars with the ANTARES Telescope, A. Albert *et al.*, ANTARES Collaboration, OVRO Collaboration, *Astrophys. J* 964 (2024) 3
4. Real-time monitoring for the next core-collapse supernova in JUNO, A. Abusleme *et al.*, JUNO Collaboration, *J. Cosmol. Astropart. P* 01 (2024) 057
5. Multi-band analyses of the bright GRB 230812B and the associated SN2023pel, T. Hussenot-Desenonges *et al.*, GRANDMA Collaboration, *Mon. Not. Roy. Astron. Soc* 530 (2024) 1-19
6. Ready for O4 II: GRANDMA Observations of Swift GRBs during eight-weeks of Spring 2022, I. Tosta e Melo *et al.*, GRANDMA Collaboration, *Astron. Astrophys.* 682 (2024) A141
7. Measurement of the  $K^+ \rightarrow +$  decay, Cortina Gil, Eduardo *et al.*, *Phys. Lett. B* 850 (2024) 138513
8. Searches for neutrino counterparts of gravitational waves from the LIGO/Virgo third observing run with KM3NeT, S. Aiello *et al.*, KM3NeT Collaboration, *J. Cosmol. Astropart. P* 04 (2024) 026

2023

1. Studying Bioluminescence Flashes with the ANTARES Deep Sea Neutrino Telescope, N. Reeb *et al.*, ANTARES Collaboration, *Limnol. Oceanogr.: Methods* (2023)
2. Measurement of double- $\beta$  decay of  $^{150}\text{Nd}$  to the  $0_1^+$  excited state of  $^{150}\text{Sm}$  in NEMO-3, X. Aguerre *et al.*, NEMO-3 Collaboration, *Eur. Phys. J. C* 83 (2023) 1117
3. Performance of the NA62 trigger system, Cortina Gil, Eduardo *et al.*, *J. High Energy Phys.* 03 (2023) 122
4. Limits on the nuclearite flux using the ANTARES neutrino telescope, A. Albert *et al.*, ANTARES Collaboration, *J. Cosmol. Astropart. P* 01 (2023) 012

5. Search for Gamma-Ray and Neutrino Coincidences Using HAWC and ANTARES Data, Ayala Solares, H.A. *et al.*, ANTARES Collaboration, HAWC Collaboration, AMON Collaboration, *Astrophys. J.* 944 (2023) 166
6. KM3NeT broadcast optical data transport system, S. Aiello *et al.*, KM3NeT Collaboration, *J. Instrum.* 18 (2023) T02001
7. A search for the  $K^+ \rightarrow \mu^- \nu e^+ e^+$  decay, Cortina Gil, Eduardo *et al.*, *Phys. Lett. B* 838 (2023) 137679
8. Review of the online analyses of multi-messenger alerts and electromagnetic transient events with the ANTARES neutrino telescope, A. Albert *et al.*, *J. Cosmol. Astropart. Phys.* 08 (2023) 072
9. JUNO sensitivity on proton decay  $p \rightarrow K^+$  searches\*, A. Abusleme *et al.*, JUNO Collaboration, *Chin. Phys. C* 47 (2023) 113002
10. Hint for a TeV neutrino emission from the Galactic Ridge with ANTARES, A. Albert *et al.*, ANTARES Collaboration, *Phys. Lett. B* 841 (2023) 137951
11. Probing invisible neutrino decay with KM3NeT/ORCA, S. Aiello *et al.*, KM3NeT Collaboration, *J. High Energy Phys.* 04 (2023) 090
12. GRANDMA and HXMT Observations of GRB 221009A: The Standard Luminosity Afterglow of a Hyperluminous Gamma-Ray Burst—In Gedenken an David Alexander Kann, D. A. Kann *et al.*, GRANDMA Collaboration, *Astrophys. J. Lett.* 948 (2023) L12
13. Search for neutrino counterparts to the gravitational wave sources from LIGO/Virgo O3 run with the ANTARES detector, A. Albert *et al.*, ANTARES Collaboration, *J. Cosmol. Astropart. Phys.* 04 (2023) 004
14. JUNO sensitivity to  ${}^7\text{Be}$ , pep, and CNO solar neutrinos, A. Abusleme *et al.*, JUNO Collaboration, *J. Cosmol. Astropart. Phys.* 10 (2023) 022
15. The JUNO experiment Top Tracker, A. Abusleme *et al.*, JUNO Collaboration, *Nucl. Instrum. Meth. A* 1057 (2023) 168680
16. Search for dark photon decays to  $\gamma$  at NA62, Cortina Gil, Eduardo *et al.*, *J. High Energy Phys.* 09 (2023) 035
17. High resolution seafloor thermometry for wave and upwelling monitoring using Distributed Acoustic Sensing, J. D. Pelaez Quiñones *et al.*, *Sci. Rep.* 13 (2023) 17459
18. Improved calorimetric particle identification in NA62 using machine learning techniques, Cortina Gil, Eduardo *et al.*, *J. High Energy Phys.* 11 (2023) 138
19. A study of the  $K^+ \rightarrow {}^0e^+$  decay, Cortina Gil, Eduardo *et al.*, *J. High Energy Phys.* 09 (2023) 040
20. JUNO sensitivity to the annihilation of MeV dark matter in the galactic halo, Abusleme, Angel *et al.*, JUNO Collaboration, *J. Cosmol. Astropart. Phys.* 09 (2023) 001

21. Search for  $K^+$  decays into the  $+e+ee+e$  final state, Cortina Gil, Eduardo *et al.*, *Phys. Lett. B* 846 (2023) 138193

2022

1. Collaborative Experience between Scientific Software Projects using Agile Scrum Development, A. L. Baxter *et al.*, *Softw Pract Exper.* (2022) 1-20
2. Determining the Neutrino Mass Ordering and Oscillation Parameters with KM3NeT/ORCA, S. Aiello *et al.*, KM3NeT Collaboration, *Eur. Phys. J. C* 82 (2022) 26
3. Microplastics in the abyss: a first investigation into sediments at 2443-m depth (Toulon, France), L. Cutroneo *et al.*, *Environ. Sci. Pollut. Res.* (2022)
4. Combined sensitivity of JUNO and KM3NeT/ORCA to the neutrino mass ordering, S. Aiello *et al.*, KM3NeT Collaboration, members of JUNO Collaboration, *J. High Energy Phys.* 03 (2022) 055
5. Implementation and first results of the KM3NeT real-time core-collapse supernova neutrino search, S. Aiello *et al.*, KM3NeT Collaboration, *Eur. Phys. J. C* 82 (2022) 317
6. SNEWPY: A Data Pipeline from Supernova Simulations to Neutrino Signals, A. L. Baxter *et al.*, *Astrophys. J* 925 (2022) 107
7. Nanobeacon: A time calibration device for the KM3NeT neutrino telescope, S. Aiello *et al.*, KM3NeT Collaboration, *Nucl. Instrum. Meth. A* 1040 (2022) 167132
8. Neutrino tagging: a new tool for accelerator based neutrino experiments, M. Perrin-Terrin *et al.*, *Eur. Phys. J. C* 82 (2022) 465
9. Search for non-standard neutrino interactions with 10 years of ANTARES data, Albert, A. *et al.*, ANTARES Collaboration, *J. High Energy Phys.* 07 (2022) 048
10. Damping signatures at JUNO, a medium-baseline reactor neutrino oscillation experiment, J. Wang *et al.*, JUNO Collaboration, *J. High Energy Phys.* 06 (2022) 062
11. Search for Spatial Correlations of Neutrinos with Ultra- High-Energy Cosmic Rays, Abu-Zayyad, T. *et al.*, ANTARES Collaboration, IceCube Collaboration, Pierre Auger Collaboration, Telescope Array Collaboration, *Astrophys. J* 934 (2022) 164
12. Search for solar atmospheric neutrinos with the ANTARES neutrino telescope, A. Albert *et al.*, ANTARES Collaboration, *J. Cosmol. Astropart. P* 06 (2022) 018
13. Search for magnetic monopoles with ten years of the ANTARES neutrino telescope, A. Albert *et al.*, ANTARES Collaboration, *J. High Energy Astron. Phys* 34 (2022) 1-8

14. Search for secluded dark matter towards the Galactic Centre with the ANTARES neutrino telescope, A. Albert *et al.*, ANTARES Collaboration, *J. Cosmol. Astropart. Phys.* P 06 (2022) 028
15. The KM3NeT multi-PMT optical module, Aiello, S. *et al.*, KM3NeT Collaboration, *J. Instrum.* 17 (2022) P07038
16. Sub-percent precision measurement of neutrino oscillation parameters with JUNO, A. Abusleme *et al.*, JUNO Collaboration, *Chin. Phys. C* 46 (2022) 123001
17. Mass testing and characterization of 20-inch PMTs for JUNO, A. Abusleme *et al.*, *Eur. Phys. J. C* 82 (2022) 1168
18. Prospects for detecting the diffuse supernova neutrino background with JUNO, A. Abusleme *et al.*, JUNO Collaboration, *J. Cosmol. Astropart. Phys.* P 10 (2022) 033
19. COLIBRI, a wide-field 1.3 m robotic telescope dedicated to the transient sky, S. Basa *et al.*, *Proc. SPIE Int. Soc. Opt. Eng.* 12182 (2022) 121821S
20. A measurement of the  $K^+ \rightarrow \pi^+ \mu^+ \mu^-$  decay, Cortina Gil, Eduardo *et al.*, *J. High Energy Phys.* 11 (2022) 011

2021

1. Neutrino physics with an opaque detector, A. Cabrera *et al.*, LiquidO Consortium, *Commun. Phys.* 4 (2021) 273
2. Feasibility and physics potential of detecting  $^8\text{B}$  solar neutrinos at JUNO, A. Abusleme *et al.*, JUNO Collaboration, *Chin. Phys. C* 45 (2021) 023004
3. Optimization of the JUNO liquid scintillator composition using a Daya Bay antineutrino detector, A. Abusleme *et al.*, JUNO Collaboration, Daya Bay Collaboration, *Nucl. Instrum. Meth. A* 988 (2021) 164823
4. Constraining the contribution of Gamma-Ray Bursts to the high-energy diffuse neutrino flux with 10 years of ANTARES data, A. Albert *et al.*, ANTARES Collaboration, *Mon. Not. Roy. Astron. Soc.* 500 (2021) 5614
5. Monte Carlo simulations for the ANTARES underwater neutrino telescope, A. Albert *et al.*, ANTARES Collaboration, *J. Cosmol. Astropart. Phys.* P 01 (2021) 064
6. SNEWS 2.0: A Next-Generation SuperNova EarlyWarning System for Multimessenger Astronomy, S. Al Kharusi *et al.*, *New J. Phys.* 23 (2021) 031201
7. Calibration Strategy of the JUNO Experiment, A. Abusleme *et al.*, JUNO Collaboration, *J. High Energy Phys.* 03 (2021) 004
8. Search for periodic modulations of the rate of double- decay of  $^{100}\text{Mo}$  in the NEMO-3 detector, R. Arnold *et al.*, NEMO-3 Collaboration, *Phys. Rev. C* 104 (2021) L061601

9. ANTARES upper limits on the multi-TeV neutrino emission from the GRBs detected by IACTs, A. Albert *et al.*, ANTARES Collaboration, J. Cosmol. Astropart. P 2103 (2021) 092
10. ANTARES search for point-sources of neutrinos using astrophysical catalogs: a likelihood stacking analysis, A. Albert *et al.*, ANTARES Collaboration, Astrophys. J 911 (2021) 48
11. Measurement of the atmospheric  $\nu_e$  and  $\nu_\mu$  energy spectra with the ANTARES neutrino telescope, A. Albert *et al.*, ANTARES Collaboration, Phys. Lett. B 816 (2021) 136228
12. On the Detection Capabilities of Underwater DAS, I. Lior *et al.*, JGR Solid Earth 126 (2021) e2020JB020925
13. The KM3NeT potential for the next core-collapse supernova observation with neutrinos, S. Aiello *et al.*, KM3NeT Collaboration, Eur. Phys. J. C 81 (2021) 445
14. JUNO sensitivity to low energy atmospheric neutrino spectra, A. Abusleme *et al.*, JUNO Collaboration, Eur. Phys. J. C 81 (2021) 887
15. Measurement of the distribution of  $^{207}\text{Bi}$  depositions on calibration sources for SuperNEMO, R. Arnold *et al.*, SuperNEMO Collaboration, J. Instrum 16 (2021) T07012
16. Search for neutrinos from the tidal disruption events AT2019dsg and AT2019fdr with the ANTARES telescope, A. Albert *et al.*, ANTARES Collaboration, Astrophys. J 920 (2021) 50
17. Architecture and performance of the KM3NeT front-end firmware, S. Aiello *et al.*, KM3NeT Collaboration, J. Astron. Telesc. Instrum. Syst. 7 (2021) 016001
18. Sensitivity to light sterile neutrino mixing parameters with KM3NeT/ORCA, S. Aiello *et al.*, KM3NeT Collaboration, J. High Energy Phys. 10 (2021) 180
19. Radioactivity control strategy for the JUNO detector, Abusleme, Angel *et al.*, JUNO Collaboration, J. High Energy Phys. 11 (2021) 102

2020

1. Development of methods for the preparation of radiopure  $^{82}\text{Se}$  sources for the SuperNEMO neutrinoless double-beta decay experiment, Alimardon V. Rakhimov *et al.*, SuperNEMO Collaboration, Radiochim. Acta 108 (2020) 11
2. Dependence of atmospheric muon rate on seawater depth measured with the first KM3NeT detection units, M. Ageron *et al.*, KM3NeT Collaboration, Eur. Phys. J. C 80 (2020) 2 (2020) 80-99
3. The Control Unit of the KM3NeT Data Acquisition System, S. Aiello *et al.*, KM3NeT Collaboration, Comput. Phys. Commun. 256 (2020) 107433

4. Search for dark matter towards the Galactic Centre with 11 years of ANTARES data, A. Albert *et al.*, ANTARES Collaboration, Phys. Lett. B 805 (2020) 135439
5. Testing cosmic ray composition models with very large volume neutrino telescopes, L. A. Fusco *et al.*, Eur. Phys. J. Plus 135 (2020) 624
6. Search for the double-beta decay of  $^{82}\text{Se}$  to the excited states of  $^{82}\text{Kr}$  with NEMO-3, R. Arnold *et al.*, NEMO-3 Collaboration, Nucl. Phys. A 996 (2020) 121701
7. ANTARES and IceCube Combined Search for Neutrino Point-like and Extended Sources in the Southern Sky, A. Albert *et al.*, ANTARES Collaboration, IceCube Collaboration, Astrophys. J 892 (2020) 92
8. Search for neutrino counterparts of catalogued gravitational-wave events detected by Advanced-LIGO and Virgo during run O2 with ANTARES, A. Albert *et al.*, ANTARES Collaboration, Eur. Phys. J. C 80 (2020) 487
9. Combining neutrino experimental light-curves for pointing to the next Galactic Core-Collapse Supernova, A. Coleiro *et al.*, Eur. Phys. J. C 80 (2020) 856
10. Combined search for neutrinos from dark matter self-annihilation in the Galactic Centre with ANTARES and IceCube, A. Albert *et al.*, ANTARES Collaboration, IceCube Collaboration, Phys. Rev. D 102 (2020) 082002
11. gSeaGen: the KM3NeT GENIE-based code for neutrino telescopes, S. Aiello *et al.*, KM3NeT Collaboration, Comput. Phys. Commun. 256 (2020) 107477
12. Event reconstruction for KM3NeT/ORCA using convolutional neural networks, S. Aiello *et al.*, KM3NeT Collaboration, J. Instrum 15 (2020) P10005
13. Observation of the cosmic ray shadow of the Sun with the ANTARES neutrino telescope, A. Albert *et al.*, ANTARES Collaboration, Phys. Rev. D 102 (2020) 122007

2019

1. Model-independent search for neutrino sources with the ANTARES neutrino telescope, A. Albert *et al.*, ANTARES Collaboration, Astropart. Phys. 114 (2019) 35-47
2. The search for high-energy neutrinos coincident with fast radio bursts with the ANTARES neutrino telescope, A. Albert *et al.*, ANTARES Collaboration, Mon. Not. Roy. Astron. Soc 482 (2019) 184-193
3. Search for Multi-messenger Sources of Gravitational Waves and High-energy Neutrinos with Advanced LIGO during its first Observing Run, ANTARES and IceCube, A. Albert *et al.*, ANTARES Collaboration, IceCube Collaboration, LIGO Collaboration, VIRGO Collaboration, Astrophys. J 870 (2019) 134
4. Measuring the atmospheric neutrino oscillation parameters and constraining the 3+1 neutrino model with ten years of ANTARES data, A. Albert *et al.*, ANTARES Collaboration, J. High Energy Phys. 1906 (2019) 113

5. Letter of Interest for a Neutrino Beam from Protvino to KM3NeT/ORCA, A. V. Akhondinov *et al.*, *Eur. Phys. J. C* 79 (2019) 758
6. ANTARES neutrino search for time and space correlations with IceCube high-energy neutrino events, A. Albert *et al.*, ANTARES Collaboration, *Astrophys. J* 879 (2019) 108
7. Detailed studies of  $^{100}\text{Mo}$  two-neutrino double beta decay in NEMO-3, R. Arnold *et al.*, NEMO-3 Collaboration, *Eur. Phys. J. C* 79 (2019) 440
8. Sensitivity of the KM3NeT/ARCA neutrino telescope to point-like neutrino sources, S. Aiello *et al.*, KM3NeT Collaboration, *Astropart. Phys.* 111 (2019) 100-110
9. A Search for Cosmic Neutrino and Gamma-Ray Emitting Transients in 7.3 Years of ANTARES and Fermi LAT Data, H. A. Ayala Solares *et al.*, AMON and ANTARES Collaborations, *Astrophys. J* 886 (2019) 98
10. Distributed sensing of earthquakes and ocean-solid Earth interactions on seafloor telecom cables, A. Sladen *et al.*, *Nat. Commun.* 10 (2019) 5777
11. Dark matter capture by the Sun: revisiting velocity distribution uncertainties, A. Nuñez *et al.*, *J. Cosmol. Astropart. Phys.* 12 (2019) 043
12. KM3NeT front-end and readout electronics system: hardware, firmware and software, S. Aiello *et al.*, KM3NeT Collaboration, *J. Astron. Telesc. Instrum. Syst.* 5(4) (2019) 046001

2018

1. Study of a spherical Xenon gas TPC for neutrinoless double beta detection, A. Meregaglia *et al.*, *J. Instrum* 13 (2018) P01009
2. All-flavor Search for a Diffuse Flux of Cosmic Neutrinos with Nine Years of ANTARES Data, A. Albert *et al.*, ANTARES Collaboration, *Astrophys. J* 853 (2018) L7
3. The SURvey for Pulsars and Extragalactic Radio Bursts II: New FRB discoveries and their follow-up, S. Bhandari *et al.*, ANTARES Collaboration, *Mon. Not. Roy. Astron. Soc* 475 (2018) 1427–1446
4. Long-term monitoring of the ANTARES optical module efficiencies using  $^{40}\text{K}$  decays in sea water, A. Albert *et al.*, ANTARES Collaboration, *Eur. Phys. J. C* 78 (2018) 669
5. Characterisation of the Hamamatsu photomultipliers for the KM3NeT Neutrino Telescope, S. Aiello *et al.*, KM3NeT Collaboration, *J. Instrum* 13 (2018) P05035
6. Final results on  $^{82}\text{Se}$  double beta decay to the ground state of  $^{82}\text{Kr}$  from the NEMO-3 experiment, R. Arnold *et al.*, *Eur. Phys. J. C* 78 (2018) 821
7. The Search for Neutrinos from TXS 0506+056 with the ANTARES Telescope, A. Albert *et al.*, ANTARES Collaboration, *Astrophys. J* 863 (2018) L30

8. A jet model for the fast IR variability of the black hole X-ray binary GX 339-4, J. Malzac *et al.*, *Mon. Not. Roy. Astron. Soc* 480 (2018) 2054–2071
9. The cosmic ray shadow of the Moon observed with the ANTARES neutrino telescope, A. Albert *et al.*, ANTARES Collaboration, *Eur. Phys. J. C* 78 (2018) 1006
10. Joint Constraints on Galactic Diffuse Neutrino Emission from the ANTARES and IceCube Neutrino Telescopes, A. Albert *et al.*, ANTARES Collaboration, IceCube Collaboration, *Astrophys. J. Lett* 868 (2018) L20

2017

1. First detection of tracks of radon progeny recoils by MIMAC, Q. Riffard *et al.*, *J. Instrum* 12 (2017) P06021
2. The BiPo-3 detector, P. Loaiza *et al.*, *Appl. Radiat. Isotopes* 123 (2017) 54-59
3. Stacked search for time shifted high energy neutrinos from gamma ray bursts with the ANTARES neutrino telescope, S. Adrián- Martínez *et al.*, ANTARES Collaboration, *Eur. Phys. J. C* 77 (2017) 20
4. The Zadko Telescope: Exploring the transient Universe, D.-M. Coward *et al.*, *Publ. Astron. Soc. Aust* 34 (2017) e005
5. Time-dependent search for neutrino emission from x-ray binaries with the ANTARES telescope, A. Albert *et al.*, ANTARES Collaboration, *J. Cosmol. Astropart. P* 1704 (2017) 019
6. Measurement of the  $2\nu\beta\beta$  Decay Half-Life and Search for the  $0\nu\beta\beta$  Decay of  $^{116}\text{Cd}$  with the NEMO-3 Detector, R. Arnold *et al.*, NEMO-3 Collaboration, *Phys. Rev. D* 95 (2017) 012007
7. Intrinsic limits on resolutions in muon- and electron- neutrino charged-current events in the KM3NeT/ORCA detector, S. Adrián-Martínez *et al.*, *J. High Energy Phys.* 1705 (2017) 008
8. Results from the search for dark matter in the Milky Way with 9 years of data of the ANTARES neutrino telescope, A. Albert *et al.*, ANTARES Collaboration, *Phys. Lett. B* 769 (2017) 249-254
9. Search for Dark Matter Annihilation in the Earth using the ANTARES Neutrino Telescope, A. Albert *et al.*, ANTARES Collaboration, *Phys. Dark Univ.* 16 (2017) 41-48
10. Search for high-energy neutrinos from bright GRBs with ANTARES, A. Albert *et al.*, ANTARES Collaboration, *Mon. Not. Roy. Astron. Soc* 469 (2017) 906-915
11. Deep sediment resuspension and thick nepheloid layer generation by open-ocean convection, X. Durrieu de Madron *et al.*, ANTARES Collaboration, *J Geophys Res-Oceans* 122 (2017) 2291-2318



12. Sperm whale long-range echolocation sounds revealed by ANTARES, a deep-sea neutrino telescope, M. André *et al.*, ANTARES Collaboration, *Sci. Rep* 7 (2017) 45517
13. Search for relativistic magnetic monopoles with five years of the ANTARES detector data, A. Albert *et al.*, ANTARES Collaboration, *J. High Energy Phys.* 1707 (2017) 054
14. An algorithm for the reconstruction of high-energy neutrino-induced particle showers and its application to the ANTARES neutrino telescope, A. Albert *et al.*, ANTARES Collaboration, *Eur. Phys. J. C* 77 (2017) 419
15. Search for High-energy Neutrinos from Gravitational Wave Event GW151226 and Candidate LVT151012 with ANTARES and IceCube, A. Albert *et al.*, ANTARES Collaboration, IceCube Collaboration, LIGO Collaboration, VIRGO Collaboration, *Phys. Rev. D* 96 (2017) 022005
16. New constraints on all flavor Galactic diffuse neutrino emission with the ANTARES telescope, A. Albert *et al.*, ANTARES Collaboration, *Phys. Rev. D* 96 (2017) 062001
17. A polarized fast radio burst at low Galactic latitude, E. Petroff *et al.*, ANTARES Collaboration, HESS Collaboration, *Mon. Not. Roy. Astron. Soc* 469 (4) (2017) 4465
18. Search for neutrinoless quadruple- $\beta$  decay of  $^{150}\text{Nd}$  with the NEMO-3 detector, R. Arnold *et al.*, NEMO-3 Collaboration, *Phys. Rev. Lett* 119 (2017) 041801
19. First all-flavor neutrino pointlike source search with the ANTARES neutrino telescope, A. Albert *et al.*, ANTARES Collaboration, *Phys. Rev. D* 96 (2017) 082001
20. An algorithm for the reconstruction of neutrino-induced showers in the ANTARES neutrino telescope, A. Albert *et al.*, ANTARES Collaboration, *Astron. J.* 154 (2017) 275
21. All-sky search for high-energy neutrinos from gravitational wave event GW170104 with the Antares neutrino telescope, A. Albert *et al.*, ANTARES Collaboration, *Eur. Phys. J. C* 77 (2017) 911
22. Multi-messenger Observations of a Binary Neutron Star Merger, B. P. Abbott *et al.*, *Astrophys. J. Lett* 848 (2017) L12
23. Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory, A. Albert *et al.*, ANTARES Collaboration, IceCube Collaboration, LIGO Collaboration, Pierre Auger Collaboration, VIRGO Collaboration, *Astrophys. J* 850 (2017) L35

2016

1. Time calibration with atmospheric muon tracks in the ANTARES neutrino telescope, S. Adrián-Martínez *et al.*, ANTARES Collaboration, *Astropart. Phys.* 78 (2016) 43-51

2. Neutrino Physics with JUNO, F. An *et al.*, JUNO Collaboration, J. Phys. G-Nucl. Partic 43 (2016) 030401
3. Optical and X-ray early follow-up of ANTARES neutrino alerts, S. Adrian-Martinez *et al.*, ANTARES Collaboration, ROTSE Collaboration, TAROT Collaboration, Swift Collaboration, Zadko Collaboration, J. Cosmol. Astropart. P 1602 (2016) 062
4. The prototype detection unit of the KM3NeT detector, S. Adrian-Martinez *et al.*, KM3NeT Collaboration, Eur. Phys. J. C 76 (2016) 54
5. The First Combined Search for Neutrino Point-sources in the Southern Hemisphere With the Antares and Icecube Neutrino Telescopes, S. Adrian-Martinez *et al.*, ANTARES Collaboration, IceCube Collaboration, Astrophys. J 823 (2016) 65
6. Letter of Intent for KM3NeT2.0, S. Adrian-Martinez *et al.*, KM3NeT Collaboration, J. Phys. G-Nucl. Partic 43 (2016) 084001
7. Constraints on the neutrino emission from the Galactic Ridge with the ANTARES telescope, S. Adrian-Martinez *et al.*, ANTARES Collaboration, Phys. Lett. B 760 (2016) 143-148
8. High-energy Neutrino follow-up search of Gravitational Wave Event GW150914 with ANTARES and IceCube, S. Adrian-Martinez *et al.*, ANTARES Collaboration, IceCube Collaboration, LIGO Collaboration, VIRGO Collaboration, Phys. Rev. D 93 (2016) 122010
9. A search for Secluded Dark Matter in the Sun with the ANTARES neutrino telescope, S. Adrian-Martinez *et al.*, ANTARES Collaboration, J. Cosmol. Astropart. P 1605 (2016) 016
10. Limits on Dark Matter Annihilation in the Sun using the ANTARES Neutrino Telescope, S. Adrian-Martinez *et al.*, ANTARES Collaboration, Phys. Lett. B 759 (2016) 69-74
11. Murchison Widefield Array Limits on Radio Emission from ANTARES Neutrino Events, S. Croft *et al.*, MWA, ANTARES, TAROT, ROTSE Collaborations, Astrophys. J. Lett 820 (2016) L24
12. Investigating the impact of optical selection effects on observed rest frame prompt GRB properties, D. Turpin *et al.*, Astrophys. J 831 (2016) 28
13. Measurement of the  $2\nu\beta\beta$  decay half-life of  $^{150}\text{Nd}$  and a search for  $0\nu\beta\beta$  decay processes with the full exposure from the NEMO-3 detector, R. Arnold *et al.*, Phys. Rev. D 94 (2016) 072003
14. A method to stabilise the performance of negatively fed KM3NeT photomultipliers, S. Adrián-Martínez *et al.*, KM3NeT Collaboration, J. Instrum 11 (2016) P12014

2015

1. ANTARES Constrains a Blazar Origin of Two IceCube PeV Neutrino Events, S. Adrian-Martinez *et al.*, ANTARES Collaboration, TANAMI Collaboration, *Astron. Astrophys.* 576 (2015) L8
2. Search of Dark Matter Annihilation in the Galactic Centre using the ANTARES Neutrino Telescope, S. Adrian-Martinez *et al.*, ANTARES Collaboration, *J. Cosmol. Astropart. P* 1510 (2015) 068
3. Search for muon-neutrino emission from GeV and TeV gamma-ray flaring blazars using five years of data of the ANTARES telescope, S. Adrián-Martínez *et al.*, ANTARES Collaboration, *J. Cosmol. Astropart. P* 1512 (2015) 014
4. Effect of the Radial Ionization Profile of Proton on SEU Sensitivity of Nanoscale SRAMs, G. Hubert *et al.*, *IEEE T. Nucl. Sci* 62 (2015) 2837-2845

2014

1. High-frequency internal wave motions at the ANTARES site in the deep Western Mediterranean, H. van Haren *et al.*, ANTARES Collaboration, *Ocean Dynam* 64 (2014) 507-517
2. A Search for Neutrino Emission from the Fermi Bubbles with the ANTARES Telescope, S. Adrian-Martinez *et al.*, ANTARES Collaboration, *Eur. Phys. J. C* 74 (2014) 2701
3. A Search for Time Dependent Neutrino Emission from Microquasars with the ANTARES Telescope, S. Adrian-Martinez *et al.*, ANTARES Collaboration, *J. High Energy Astron. Phys* 3-4 (2014) 9-17
4. Searches for clustering in the time integrated skymap of the ANTARES neutrino telescope, S. Adrian-Martinez *et al.*, ANTARES Collaboration, *J. Cosmol. Astropart. P* 1405 (2014) 001
5. Searches for Point-like and extended neutrino sources close to the Galactic Centre using the ANTARES neutrino Telescope, S. Adrian-Martinez *et al.*, ANTARES Collaboration, *Astrophys. J* 786 (2014) L5
6. Deep sea tests of a prototype of the KM3NeT digital optical module, S. Adrian-Martinez *et al.*, KM3NeT Collaboration, *Eur. Phys. J. C* 74 (2014) 3056
7. Constraining the neutrino emission of gravitationally lensed Flat-Spectrum Radio Quasars with ANTARES data, S. Adrián-Martínez *et al.*, ANTARES Collaboration, *J. Cosmol. Astropart. P* 1411 (2014) 017

2013

1. Search for a correlation between ANTARES neutrinos and Pierre Auger Observatory UHECRs arrival directions, S. Adrián-Martínez *et al.*, ANTARES Collaboration, *Astrophys. J* 774 (2013) 19

2. A first search for coincident gravitational waves and high energy neutrinos using LIGO, Virgo and ANTARES data from 2007, S. Adrián-Martínez *et al.*, ANTARES Collaboration, LIGO Collaboration, VIRGO Collaboration, *J. Cosmol. Astropart. Phys.* P 1306 (2013) 008
3. Detection Potential of the KM3NeT Detector for High-Energy Neutrinos from the Fermi Bubbles, S. Adrian-Martinez *et al.*, KM3NeT Collaboration, *Astropart. Phys.* 42 (2013) 7-14
4. Deep-Sea Bioluminescence Blooms after Dense Water Formation at the Ocean Surface, C. Tamburini *et al.*, ANTARES Collaboration, *PLoS One* 8 (2013) e67523
5. First results on dark matter annihilation in the Sun using the ANTARES neutrino telescope, S. Adrian-Martinez *et al.*, ANTARES Collaboration, *J. Cosmol. Astropart. Phys.* P 1311 (2013) 032
6. First search for neutrinos in correlation with gamma-ray bursts with the ANTARES neutrino telescope, S. Adrian-Martinez *et al.*, ANTARES Collaboration, *J. Cosmol. Astropart. Phys.* P 1303 (2013) 006
7. Expansion cone for the 3-inch PMTs of the KM3NeT optical modules, S. Adrian-Martinez *et al.*, KM3NeT Collaboration, *J. Instrum* 8 (2013) T03006
8. Search for muon neutrinos from gamma-ray bursts with the ANTARES neutrino telescope using 2008 to 2011 data, S. Adrián- Martínez *et al.*, ANTARES Collaboration, *Astron. Astrophys.* 559 (2013) A9
9. Measurement of the atmospheric  $\nu_\mu$  energy spectrum from 100 GeV to 200 TeV with the ANTARES telescope, S. Adrian- Martinez *et al.*, ANTARES Collaboration, *Eur. Phys. J. C* 73 (2013) 2606

2012

1. The ANTARES Telescope Neutrino Alert System, M. Ageron *et al.*, ANTARES Collaboration, *Astropart. Phys.* 35 (2012) 530-536
2. A method for detection of muon induced electromagnetic showers with the ANTARES detector, J. A. Aguilar *et al.*, ANTARES Collaboration, *Nucl. Instrum. Meth. A* 675 (2012) 56-62
3. Measurement of the Group Velocity of Light in Sea Water at the ANTARES Site, S. Adrian-Martinez *et al.*, ANTARES Collaboration, *Astropart. Phys.* 35 (2012) 552-557
4. Search for Relativistic Magnetic Monopoles with the ANTARES Neutrino Telescope, S. Adrián-Martínez *et al.*, ANTARES Collaboration, *Astropart. Phys.* 35 (2012) 634-640
5. Search for Neutrino Emission From Gamma-Ray Flaring Blazars with the ANTARES Telescope, S. Adrián-Martínez *et al.*, ANTARES Collaboration, *Astropart. Phys.* 36 (2012) 204-210

6. Measurement of Atmospheric Neutrino Oscillations with the ANTARES Neutrino Telescope, S. Adrian-Martinez *et al.*, ANTARES Collaboration, Phys. Lett. B 714 (2012) 224-230
7. Search for Cosmic Neutrino Point Sources with Four Year Data of the ANTARES Telescope, S. Adrian-Martinez *et al.*, ANTARES Collaboration, Astrophys. J 760 (2012) 53
8. The Positioning System of the ANTARES Neutrino Telescope, S. Adrián-Martinez *et al.*, ANTARES Collaboration, J. Instrum 7 (2012) T08002

2011

1. AMADEUS - The Acoustic Neutrino Detection Test System of the ANTARES Deep-Sea Neutrino Telescope, J. A. Aguilar *et al.*, ANTARES Collaboration, Nucl. Instrum. Meth. A 626-627 (2011) 128-143
2. Search for a diffuse flux of high-energy  $\nu_\mu$  with the ANTARES neutrino telescope, J. A. Aguilar *et al.*, ANTARES Collaboration, Phys. Lett. B 696 (2011) 16-22
3. Time Calibration of the ANTARES Neutrino Telescope, J. A. Aguilar *et al.*, ANTARES Collaboration, Astropart. Phys. 34 (2011) 539-549
4. ANTARES: the first undersea neutrino telescope, M. Ageron *et al.*, ANTARES Collaboration, Nucl. Instrum. Meth. A 656 (2011) 11-38
5. A fast algorithm for muon track reconstruction and its application to the ANTARES neutrino telescope, J. A. Aguilar *et al.*, ANTARES Collaboration, Astropart. Phys. 34 (2011) 652-662
6. First search for Point Sources of High Energy Cosmic Neutrinos with the ANTARES Neutrino Telescope, S. Adrian-Martinez *et al.*, ANTARES Collaboration, Astrophys. J. Lett 743 (2011) L14-L19
7. Acoustic and Optical Variations During Rapid Downward Motion Episodes in the Deep North-Western Mediterranean Sea, H. van Haren *et al.*, ANTARES Collaboration, Deep-Sea Res. PT. I 58 (2011) 875-884

2010

1. Measurement of the atmospheric muon flux with a 4 GeV threshold in the ANTARES neutrino telescope, J. A. Aguilar *et al.*, ANTARES Collaboration, Astropart. Phys. 33 (2010) 86-90
2. Zenith distribution and flux of atmospheric muons measured with the 5-line ANTARES detector, J. A. Aguilar *et al.*, ANTARES Collaboration, Astropart. Phys. 34 (2010) 179-184
3. Performance of the front-end electronics of the ANTARES neutrino telescope, J. A. Aguilar *et al.*, ANTARES Collaboration, Nucl. Instrum. Meth. A 622 (2010) 59-73

## acte de conférence

2024

1. Tau neutrino appearance measurement in KM3NeT/ORCA 6, C. Lastoria, PoS TAUP2023, 2023, 18th International Conference on Topics in Astroparticle and Underground Physics (2024) 192, Vienna, Austria, 28 Aug - 01 Sep 2023
2. Art and Astrophysics in Conversation with KM3NeT Deep in the Mediterranean Sea, J. Mauro, D. Fortescue, G. de Wasseige, P. Coyle, A. Ilioni, PoS TAUP2023, 2023, 18th International Conference on Topics in Astroparticle and Underground Physics (2024) 332, Vienna, Austria, 28 Aug - 01 Sep 2023

2023

1. Oscillation physics with KM3NeT/ORCA, C. Lastoria, PoS NOW2022, 2022, Neutrino Oscillation Workshop 2022 (2023) 025, Ostuni, Brindisi, Italy, 4-11 Sep 2022
2. Particle identification in KM3NeT/ORCA, L. Cerisy, A. Lazo, C. Lastoria, M. Perrin- Terrin, J. Brunner, V. Dabhi, PoS ICRC2023, 2023, 38th International Cosmic Ray Conference (2023) 1191, Nagoya, Japan, 26 Jul - 03 Aug 2023
3. Art and Astrophysics in Conversation with KM3NeT Deep in the Mediterranean Sea, D. Fortescue, G. de Wasseige, J. Mauro, P. Coyle, A. Ilioni, PoS ICRC2023, 2023, 38th International Cosmic Ray Conference (2023) 1621, Nagoya, Japan, 26 Jul - 03 Aug 2023
4. Follow-up of multi-messenger alerts with the KM3NeT ARCA and ORCA detectors, J. Palacios Gonzalez, S. Celli, D. Dornic, F. Filippini, E. Le Guirriec, J. de Favereau de Jeneret, G. Illuminati, M. Lamoureux, M. Mastrodicasa, R. Muller, F. Salesa Greus, A. Sánchez Losa, S. Le Stum, G. Vannoye, A. Veutro, A. Zegarelli, PoS ICRC2023, 2023, 38th International Cosmic Ray Conference (2023) 1521, Nagoya, Japan, 26 Jul - 03 Aug 2023
5. Implementation of the KM3NeT Online Core-Collapse Supernova neutrino search, D. Dornic, C. Donzaud, S., El Hedri, V. Kulikovskiy, G. Vannoye, PoS ICRC2023, 2023, 38th International Cosmic Ray Conference (2023) 1223, Nagoya, Japan, 26 Jul - 03 Aug 2023
6. Refined neutrino follow-up analysis of GRB 221009A with KM3NeT ARCA and ORCA detectors, J. Palacios Gonzalez, D. Dornic, F. Filippini, G. Illuminati, S. Le Stum, F. Salesa Greus, A. Sánchez Losa, G. Vannoye, A. Zegarelli, PoS ICRC2023, 2023, 38th International Cosmic Ray Conference (2023) 1503, Nagoya, Japan, 26 Jul - 03 Aug 2023
7. Searching for Core-Collapse Supernova neutrinos at KM3NeT, I. Goos, S. El Hedri, C. Donzaud, M. Bendahman, V. Kulikovskiy, G. Vannoye, D. Dornic, PoS ICRC2023, 2023, 38th International Cosmic Ray Conference (2023) 1160, Nagoya, Japan, 26 Jul - 03 Aug 2023
8. Searching for neutrinos from microquasar flares with ANTARES and KM3NeT, S. Le Stum, D. Dornic, S. Alves Garre, PoS ICRC2023, 2023, 38th International Cosmic Ray Conference (2023) 1505, Nagoya, Japan, 26 Jul - 03 Aug 2023

9. The Real-time Analysis Platform of KM3NeT and its first results, S. Celli, P. Demin, D. Dornic, F. Filippini, E. Giorgio, E. Le Guirriec, J. de Favereau de Jeneret, M. Lamoureux, M. Mastrodicasa, J. Palacios Gonzalez, S. Le Stum, A.-J. Tanasijczuk, G. Vannoye, A. Veutro, A. Zegarelli, PoS ICRC2023, 2023, 38th International Cosmic Ray Conference (2023) 1125, Nagoya, Japan, 26 Jul - 03 Aug 2023
10. Combined KM3NeT-ARCA and ANTARES searches for diffuse and point-like neutrino emission, D. Dornic, B. Caiffi, V. Kulikovskiy, V. Parisi, M. Sanguinetti, S. Zavatarelli, S. Alves Garre, T. van Eeden”, A. Heijboer, G. Illuminati, R. Muller, PoS ICRC2023, 2023, 38th International Cosmic Ray Conference (2023) 1147, Nagoya, Japan, 26 Jul - 03 Aug 2023
11. Follow-up of O3 gravitational wave events with neutrinos in ANTARES and KM3NeT telescopes, M. Lamoureux, D. Dornic, S. Le Stum, G. Vannoye, PoS ICRC2023, 2023, 38th International Cosmic Ray Conference (2023) 1506, Nagoya, Japan, 26 Jul - 03 Aug 2023

2022

1. Status of the Real-time Multi-messenger Program of KM3NeT, Lincetto, M., Dornic, D., Huang, F., Schnabel, J., ASP Conf. Ser., 532, 30th Astronomical Data Analysis Software and Systems (2022) 147, Granada, Spain, 8-12 Nov 2020
2. Future Neutrino Beam Studies Under the Framework of Physics Beyond Colliders, E.G. Parozzi, A. Baratto, J. Bernhard, M. Brugger, N. Charitonidis, A. Longhin, C. Mussolini, M. Pari, F. Pupilli, M. Perrin-Terrin, Y. Nagai, F. Terranovai, JACoW, IPAC2022, 13th International Particle Accelerator Conference (IPAC 2022) (2022) WEPOTK008, Bangkok, Thailand, 12-17 Jun 2022
3. The GRANDMA network in preparation for the fourth gravitational-wave observing run, S. Agayeva, V. Aivazyan, S. Alishov, M. Almualla, C. Andrade, S. Antier, J.-M. Bai, A. Baransky, S. Basa, P. Bendjoya, Z. Benkhaldoun, S. Beradze, D. Berezin, U. Bhardwaj, M. Blazek, O. Burkhonov, E. Burns, S. Caudill, N. Christensen, F. Colas, A. Coleiro, W. Corradi, M. W. Coughlin, T. Culino, D. Darson, D. Datashvili, G. de Wasseige, T. Dietrich, F. Dolon, D. Dornic, J. Dubouil, J.-G. Ducoin, P.-A. Duverne, A. Esamdin, A. Fouad, F. Guo, V. Godunova, P. Gokuldass, N. Guessoum, E. Gurbanov, R. Hainich, E. Hasanov, P. Hello, T. Hussenot-Desenonges, R. Inasaridze, A. Iskandar, E. E. O. Ishida, N. Ismailov, T. Jegou du Laz, D. A. Kann, G. Kapanadze, S. Karpov, R. W. Kiendrebeogo, A. Klotz, N. Kochiashvili, A. Kaeouach, J.-P. Kneib, W. Kou, K. Kruiswijk, S. Lombardo, M. Lamoureux, N. Leroy, A. Le Van Su, J. Mao, M. Mašek, T. Midavaine, A. Möller, D. Morris, R. Natsvlishvili, F. Navarete, S. Nissanke, K. Noonan, K. Noysena, N. B. Orange, J. Peloton, M. Pilloix, T. Pradier, M. Prouza, G. Raaijmakers, Y. Rajabov, J.-P. Rivet, Y. Romanyuk, L. Rousselot, F. Rünger, V. Rupchandani, T. Sadibekova, N. Sasaki, A. Simon, K. Smith, O. Sokoliuk, X. Song, A. Takey, Y. Tillayev, I. T. e. Melo, D. Turpin, A. de Ugarte Postigo, M. Vardosanidze, X. F. Wang, D. Vernet, Z. Vidadi, J. Zhu, Y. Zhu, Proc. SPIE

Int. Soc. Opt. Eng., 12186, SPIE Astronomical Telescopes + Instrumentation 2022 (2022) 121861H, Montréal, Canada, 17-22 Jul 2022

2021

1. The KM3NeT Open Science System, J. Schnabel, T. Gal, Z. Aly, indéfini, 30th Astronomical Data Analysis Software and Systems (2021), Granada, Spain, 8-12 Nov 2020
2. Analysis of the first KM3NeT-ORCA data, V. Pestel, Z. Aly, L. Nauta, J. Instrum, 16, 9th Very Large Volume Neutrino Telescope Workshop (2021) C11010, Valencia, Spain, 18-21 May 2021
3. The gateway calibration unit for the KM3NeT telescope, D. Calvo, R. Real, A. Amaro, V. van Beveren, T. Chiarusi, S. Mastroianni, P. Musico, G. Pellegini, P. Jansweijer, S. Colonges, C. Bozza, C. Nicolau, A. Díaz, A. Ilioni, R. Le Breton, C. Champion, P. Keller, C. Boutonnet, J. Instrum, 16, 9th Very Large Volume Neutrino Telescope Workshop (2021) C10012, Valencia, Spain, 18-21 May 2021
4. Search for a diffuse flux of cosmic neutrinos with the ANTARES neutrino telescope, L. A. Fusco, PoS ICRC2021, 37th International Cosmic Ray Conference (ICRC 2021) (2021), Berlin, Germany, 12-23 Jul 2021
5. Search for correlations between high-energy gamma rays and neutrinos with the HAWC and ANTARES detectors, G. Ferrara, L. A. Fusco, PoS ICRC2021, 37th International Cosmic Ray Conference (ICRC 2021) (2021), Berlin, Germany, 12-23 Jul 2021
6. Search for relativistic Magnetic Monopoles with ten years of the ANTARES detector data, J. Boumaaza, J. Brunner, A. Moussa, Y. Tayalati, PoS ICRC2021, 37th International Cosmic Ray Conference (ICRC 2021) (2021), Berlin, Germany, 12-23 Jul 2021
7. Search for nuclearites with the ANTARES detector, M. Bouta, J. Brunner, A. Moussa, G. E. Păvălașc, Y. Tayalati, PoS ICRC2021, 37th International Cosmic Ray Conference (ICRC 2021) (2021), Berlin, Germany, 12-23 Jul 2021
8. The Calibration Units of KM3NeT, R. Le Breton, M. Billault, C. Boutonnet, C. Champion, S. Colonges, A. Cosquer, A. Creusot, S. Henry, A. Ilioni, P. Keller, P. Lagier, R. Lahmann, P. Lamare, J. Lesrel, M. Lindsey Clark, J. Royon, G. Riccobene, D. Samtleben, V. Van Elewyck, PoS ICRC2021, 37th International Cosmic Ray Conference (ICRC 2021) (2021), Berlin, Germany, 12-23 Jul 2021
9. Draw me a neutrino: the first KM3NeT art contest, M. Circella, M. Ardid, M. Bendahman, C. Bozza, P. Coyle, G. de Wasseige, C. Distefano, S. R. Gozzini, L. Kharkhelauri, C. Markou, S. Oikonomou, G. Papalashvili, S. Razaque, R. Shanidze, Y. Tayalati, E. Tzamariudaki, V. Van Elewyck, J. S. Verrall, H. Yepes-Ramirez, J. D. Zornoza, PoS ICRC2021, 37th International Cosmic Ray Conference (ICRC 2021) (2021), Berlin, Germany, 12-23 Jul 2021



10. The REINFORCE Project: Inviting Citizen Scientists to analyse KM3NeT data, R. Le Breton, V. Bertin, P. Coyle, G. de Wasseige, H. Glotin, C. Guidi, F. Huang, S. Martini, A. Kouchner, C. Tamburini, V. van Elewyck, PoS ICRC2021, 37th International Cosmic Ray Conference (ICRC 2021) (2021), Berlin, Germany, 12-23 Jul 2021
11. Sensitivity of the KM3NeT/ORCA detector to the neutrino mass ordering and beyond, M. Perrin-Terrin, PoS ICRC2021, 37th International Cosmic Ray Conference (ICRC 2021) (2021), Berlin, Germany, 12-23 Jul 2021
12. First neutrino oscillation measurement in KM3NeT/ORCA, L. Nauta, V. Pestel, J. Mańczak, D. Stavropoulos, V. Carretero, N. Chau, Z. Aly, P. de Jong, PoS ICRC2021, 37th International Cosmic Ray Conference (ICRC 2021) (2021), Berlin, Germany, 12-23 Jul 2021
13. Real-time Multi-Messenger Analysis Framework of KM3NeT, W. Assal, D. Dornic, F. Huang, E. Le Guirriec, M. Lincetto, G. Vannoye, PoS ICRC2021, 37th International Cosmic Ray Conference (ICRC 2021) (2021), Berlin, Germany, 12-23 Jul 2021
14. KM3NeT Core Collapse Supernovae observation program in standalone and multi-messenger modes, A. Coleiro, D. Dornic, V. Kulikovskiy, M. Lincetto, M. Colomer Molla, G. Vannoye, PoS ICRC2021, 37th International Cosmic Ray Conference (ICRC 2021) (2021), Berlin, Germany, 12-23 Jul 2021
15. Atmospheric neutrinos from the first KM3NeT/ORCA data and prospects for measuring the atmospheric neutrino flux, D. Stavropoulos, V. Pestel, Z. Aly, E. Tzamariudaki, C. Markou, PoS ICRC2021, 37th International Cosmic Ray Conference (ICRC 2021) (2021), Berlin, Germany, 12-23 Jul 2021
16. Nuclearite search with ANTARES, M. Bouta, J. Brunner, A. Moussa, G. E. Pāvālaš, Y. Tayalati, J. Instrum, 16, Very Large Volume Neutrino Telescope Workshop (VLVnT 2021) (2021) C09010, Valencia, Spain, 18-21 May 2021
17. The Calibration Units of KM3NeT, R. Le Breton, M. Billault, C. Boutonnet, C. Champion, S. Colonges, A. Cosquer, A. Creusot, S. Henry, A. Ilioni, P. Keller, P. Lagier, R. Lahmann, P. Lamare, J. Lesrel, M. Lindsey Clark, J. Royon, G. Riccobene, D. Samtleben, V. Van Elewyck, J. Instrum, 16, 9th Very Large Volume Neutrino Telescopes Workshop (VLVnT 2021) (2021) C09004, Valencia, Spain, 18-21 May 2021
18. Real-time Multi-Messenger Analysis Framework of KM3NeT, W. Assal, D. Dornic, F. Huang, E. Le Guirriec, M. Lincetto, G. Vannoye, PoS ICRC2021, volume, 9th Very Large Volume Neutrino Telescopes Workshop (VLVnT 2021) (2021) 941, Valencia, Spain, 18-21 May 2021
19. Search for relativistic Magnetic Monopoles with ten years of the ANTARES detector data, J. Boumaaza, J. Brunner, A. Moussa, Y. Tayalati, J. Instrum, 16, Very Large Volume Neutrino Telescope Workshop (VLVnT 2021) (2021) C11004, Valencia, Spain, 18-21 May 2021

2020

1. Recent results from the ANTARES deep sea neutrino telescope, V. Bertin, J. Phys. Conf. Ser., 1342, 15th International Conference on Topics in Astroparticle and Underground Physics (2020) 012021, Sudbury, Canada, 24-28 Jul 2017
2. Supernova detection and real-time alerts with the KM3NeT neutrino telescopes, M. Lincetto, M. Colomer-Molla, PoS, Asterics2019, The New Era of Multi-Messenger Astrophysics (ASTERICS 2019) (2020) 046, Groningen, Netherlands, 25-29 Mar 2019
3. Status of KM3NeT supernovae searches, M. Lincetto, M. Colomer, D. Dornic, A. Coleiro, V. Kulikovskiy, indéfini, SNEWS meeting @ Neutrino 2020 (2020), Chicago, United States, 19-20 Jui 2020
4. KM3NeT: Status and Prospects for Neutrino Astronomy at Low and High Energies, F. Huang, PoS ICHEP2020, 2020, 40th International Conference on High Energy Physics (2020) 138, Prague, Czech Republic, 30 Jul - 5 Aug 2020

2019

1. Master Investigation of ANTARES and IceCube Alerts, O. A. Gress, V. M. Lipunov, D. Dornic, E. S. Gorbovskoy, V. G. Kornilov, N. V. Tyurina, P. V. Balanutsa, A. S. Kuznetsov, V. V. Vladimirov, D. A. Kuvshinov, Rev.Mex.Astron.Astrof.Ser.Conf., 51, 5th Workshop on Robotic Autonomous Observatories (2019) 89-95, Mazagon, Spain, 16-20 Oct 2017
2. The KM3NeT neutrino telescope and the potential of a neutrino beam from Russia to the Mediterranean Sea, D. Zaborov, Proceedings of the Eighteenth Lomonosov Conference on Elementary Particle Physics, XVIII Lomonosov Conference on Elementary Particle Physics (2019) 53-60, Moscow, Russia, 24 Aug - 30 Aug 2017
3. Core-Collapse Supernova neutrino detection prospects with the KM3NeT neutrino telescopes., M. C. Molla, M. Lincetto, EPJ Web Conf., 209, 7th Roma International Conference on Astroparticle Physic (2019) 01009, Rome, Italy, 4-7 Sep 2018
4. Atmospheric neutrino oscillations with ANTARES, J. Brunner, PoS NOW2018, 2018, Neutrino Oscillation Workshop (2019) 008, Ostuni, Italy, 9-16 Sep 2018
5. Core-Collapse Supernova neutrino detection with KM3NeT, M. C. Molla, M. Lincetto, EPJ Web Conf., 207, 8th Very Large Volume Neutrino Telescope Workshop (2019) 05007, Dubna, Russia, 2-4 Oct 2018
6. Particle Physics with ORCA, A. Domi, S. Bourret, L. Quinn, EPJ Web Conf., 207, 8th Very Large Volume Neutrino Telescope Workshop (2019) 04003, Dubna, Russia, 2-4 Oct 2018
7. Status of the KM3NeT Mediterranean Sea neutrino telescope, P. Coyle, EPJ Web Conf., 207, 8th Very Large Volume Neutrino Telescope Workshop (2019) 01004, Dubna, Russia, 2-4 Oct 2018

8. The Physics Potential of a Neutrino Beam from Protvino to KM3NeT/ORCA, J. Brunner, EPJ Web Conf., 207, 8th Very Large Volume Neutrino Telescope Workshop (2019) 04001, Dubna, Russia, 2-4 Oct 2018
9. Search for neutrino counterparts of cataloged gravitational- wave events detected by Advanced-LIGO and Virgo during run O2 with ANTARES, M. Colomer Molla, B. Baret, A. Coleiro, D. Dornic, T. Pradier, PoS ICRC2019, 36th International Cosmic Ray Conference (ICRC 2019) (2019) 856, Madison, United States, 24 Jul - 1 Aug 2019
10. Ten years of multi-wavelength follow-up observations of ANTARES neutrino alerts, D. Dornic, M. Ageron, V. Bertin, J. Brunner, A. Coleiro, F. Schussler, D. Turpin, B. Vallage, PoS ICRC2019, 36th International Cosmic Ray Conference (ICRC 2019) (2019) 871, Madison, United States, 24 Jul - 1 Aug 2019
11. Real-time follow-up of multi-messenger alerts with the ANTARES neutrino telescope, D. Dornic, A. Coleiro, M. Colomer Molla, A. Kouchner, T. Pradier, PoS ICRC2019, 36th International Cosmic Ray Conference (ICRC 2019) (2019) 872, Madison, United States, 24 Jul - 1 Aug 2019
12. Dependence of the atmospheric muon rate on the sea water depth with first KM3NeT data, S. Biagi, R. Coniglione, J. Hofestädt, V. Kulikovskiy, M. Lincetto, K. Melis, D. Samtleben, PoS ICRC2019, 36th International Cosmic Ray Conference (ICRC 2019) (2019) 943, Madison, United States, 24 Jul - 1 Aug 2019
13. Offline performance studies and first real-time results on Core-Collapse Supernova neutrino searches with the KM3NeT neutrino detectors, M. Colomer Molla, A. Coleiro, D. Dornic, V. Kulikovskiy, M. Lincetto, PoS ICRC2019, 36th International Cosmic Ray Conference (ICRC 2019) (2019) 857, Madison, United States, 24 Jul - 1 Aug 2019
14. Sensitivity for astrophysical neutrino searches with KM3NeT- ORCA, G. de Wasseige, A. Kouchner, M. Colomer Molla, D. Dornic, S. Hallmann, PoS ICRC2019, 36th International Cosmic Ray Conference (ICRC 2019) (2019) 934, Madison, United States, 24 Jul - 1 Aug 2019
15. Search for Sterile Neutrinos with KM3NeT/ORCA and ANTARES, A. Domi, J. Coelho, PoS ICRC2019, 36th International Cosmic Ray Conference (ICRC 2019) (2019) 870, Madison, United States, 24 Jul - 1 Aug 2019

2018

1. KM3NeT - ORCA, J. Brunner, PoS, NEUTEL2017, 17th International Workshop on Neutrino Telescopes (2018) 057, Venice, Italy, 13-17 Mar 2017
2. Monitoring of the ANTARES optical module efficiencies using  $^{40}\text{K}$  decays in sea water, I. Salvadori, V. Kulikovskiy, PoS, ICRC2017, 35th International Cosmic Ray Conference (2018) 1058, Busan, Korea, 12-20 Jul 2017
3. Multi-messenger real-time follow-up of transient events with ANTARES neutrino telescope, D. Dornic, A. Coleiro, PoS, ICRC2017, 35th International Cosmic Ray Conference (2018) 984, Busan, Korea, 12-20 Jul 2017

4. Sensitivity of the ANTARES neutrino telescope to atmospheric neutrino oscillation parameters, I. Salvadori, PoS, ICRC2017, 35th International Cosmic Ray Conference (2018) 1026, Busan, Korea, 12-20 Jul 2017
5. Time-dependent search of neutrino emission from bright gamma-ray flaring blazars with the ANTARES telescope, A. Sanchez Losa, D. Dornic, PoS, ICRC2017, 35th International Cosmic Ray Conference (2018) 970, Busan, Korea, 12-20 Jul 2017
6. Time-dependent search of neutrino emission from X-ray and gamma-ray binaries with the ANTARES telescope, A. Sanchez Losa, D. Dornic, A. Coleiro, PoS, ICRC2017, 35th International Cosmic Ray Conference (2018) 971, Busan, Korea, 12-20 Jul 2017
7. Search for neutrinos from Fast Radio Bursts with ANTARES, D. Turpin, D. Dornic, A. Coleiro, M. Sanguineti, PoS, ICRC2017, 35th International Cosmic Ray Conference (2018) 989, Busan, Korea, 12-20 Jul 2017
8. Multi-wavelength follow-up observations of ANTARES neutrino alerts, D. Dornic, D. Turpin, M. Ageron, V. Bertin, J. Brunner, A. Mathieu, F. Schüssler, B. Vallage, S. Basa, PoS, ICRC2017, 35th International Cosmic Ray Conference (2018) 985, Busan, Korea, 12-20 Jul 2017
9. End-to-end simulations for COLIBRI, ground follow-up telescope for the SVOM mission, D. Corre, S. Basa, A. Klotz, A. M. Watson, M. Ageron, P. Ambert, F. Ángeles, J.-L. Atteia, P. Blanc, O. Boulade, J. Boy, E. Cadena, B. Cordier, S. Cuevas Cardona, F. Dolon, D. Dornic, D. Dubreuil, A. Farah, L. Figueroa, J. Floriot, J. Fuentes-Fernández, P. Gallais, E. Jiménez-Bailón, R. Langarica Lebre, J.-F. Le Borgne, W. H. Lee, A. Le Van Suu, M. Marcos, R. Mathon, C. Meessen, J. Ochoa, E. Pallier, J. Platzer, F. Quirós, S. Ronayette, D. Turpin, H. Valentin, S. Vergani, Proc. SPIE Int. Soc. Opt. Eng., 10705, SPIE Astronomical Telescopes + Instrumentation 2018 (2018) 10705, Austin, United States, 10-15 Jun 2018

2017

1. Search for high energy neutrinos from bright GRBs with ANTARES, M. Sanguineti, S. Celli, D. Turpin, EPJ Web Conf., 136, 6th Roma International Workshop on Astroparticle Physics (2017) 04004, Rome, Italy, 21-24 Jun 2016
2. Search for high energy neutrinos from bright GRBs with ANTARES, S. Celli, M. Sanguineti, D. Turpin, J. Phys. Conf. Ser., 888, 27th International Conference on Neutrino Physics and Astrophysics (2017) 012100, London, United Kingdom, 4-9 Jul 2016
3. Astroparticle and neutrino oscillation research with KM3NeT, V. Kulikovskiy, Nuovo Cim. C, 40, 11th Workshop on Science with the New generation of High Energy Gamma-ray Experiments (2017) 141, Pisa, Italy, 18-21 Oct 2016

4. KM3NeT-ORCA: Oscillation Research with Cosmics in the Abyss, P. Coyle, J. Phys. Conf. Ser., 888, 27th International Conference on Neutrino Physics and Astrophysics (2017) 012024, London, United Kingdom, 4-9 Jul 2016
5. Status and Perspectives of KM3NeT/ORCA, L. Quinn, PoS, EPS-HEP2017, 2017 European Physical Society Conference on High Energy Physics (2017) 130, Venice, Italy, 5-12 Jul 2017

2016

1. Multi-Messenger analysis with the ANTARES High Energy Neutrino Telescope, A. Mathieu, PoS, 14, 14th International Symposium Frontiers of Fundamental Physics (2016) 057, Marseille, France, 15-18 Jul 2014
2. Time-dependent search of neutrino emission from X-ray binaries with the ANTARES telescopes, D. Dornic, A. Sánchez-Losa, PoS, 2015, 34th International Cosmic Ray Conference (2016) 1046, The Hague, Netherlands, 30 Jul - 06 Aug 2015
3. Follow-up of high energy neutrinos detected by the ANTARES telescope, A. Mathieu, PoS, 2015, 34th International Cosmic Ray Conference (2016) 1093, The Hague, Netherlands, 30 Jul - 06 Aug 2015
4. KM3NeT - ORCA: Measuring neutrino oscillations and the mass hierarchy in the Mediterranean Sea, J. Brunner, PoS, 2015, 34th International Cosmic Ray Conference (2016) 1140, The Hague, Netherlands, 30 Jul - 06 Aug 2015
5. Acoustic positioning system for KM3NeT, S. Viola, M. Ardid, V. Bertin, R. Lahmann, C. Pellegrino, G. Riccobene, M. Saldaña, P. Sapienza, F. Simeone, PoS, 2015, 34th International Cosmic Ray Conference (2016) 1169, The Hague, Netherlands, 30 Jul - 06 Aug 2015
6. Searches for neutrinos from Gamma-ray burst with ANTARES, J. Schmid, D. Turpin, PoS, 2015, 34th International Cosmic Ray Conference (2016) 1057, The Hague, Netherlands, 30 Jul - 06 Aug 2015
7. Time-dependent search of high energy cosmic neutrinos from variable Blazars with the ANTARES telescope, A. Sanchez-Losa, D. Dornic, PoS, 2015, 34th International Cosmic Ray Conference (2016) 1075, The Hague, Netherlands, 30 Jul - 06 Aug 2015
8. The Calibration Units of the KM3NeT neutrino telescope, B. Baret, P. Keller, M.-L. Clark, EPJ Web Conf., 116, 7th Very Large Volume Neutrino Telescope Workshop (2016) 06006, Rome, Italy, 14-16 Sep 2015
9. Follow-up of high energy neutrinos detected by the ANTARES telescope, A. Mathieu, EPJ Web Conf., 116, 7th Very Large Volume Neutrino Telescope Workshop (2016) 10003, Rome, Italy, 14-16 Sep 2015
10. The MEUST deep sea infrastructure in the Toulon site, P. Lamare, EPJ Web Conf., 116, Very Large Volume Neutrino Telescope 2015 (VLVnT 2015) (2016) 09001, Rome, Italy, 14-16 Sep 2015

2015

1. The MEUST Deep Sea Cabled Observatory, C. Vallée, M. Ageron, V. Bertin, S. Beurthey, M. Billault, J. Brunner, L. Caillat, A. Cosquer, P. Coyle, J.-J. Destelle, D. Dornic, F. Gallo, S. Henry, P. Keller, P. Lamare, J. Laurence, F. Léon, Ch. Lerouvillois, J. Royon, M. Solazzo, D. Tézier, S. Théraube, indéfini, Oceans'15 MTS/IEEE (2015), Genova, Italy, 18-21 May 2015
2. Searches for neutrinos from gamma-ray bursts with ANTARES, D. Turpin, indéfini, 34th International Cosmic Ray Conference (ICRC 2015) (2015), The Hague, Netherlands, 30 Jul - 6 Aug 2015

2014

1. Recent results from operation of the ANTARES deep-sea neutrino telescope, G. Hallewell, Nucl. Instrum. Meth. A, 766, 8th International Workshop on Ring Imaging Cherenkov Detectors (2014) 48-51, Hayama, Japan, 2-6 Dec 2013

2013

1. The MEUST infrastructure for neutrino astronomy, J.-J. Destelle, C. Vallee, Nucl. Instrum. Meth. A, 725, VLVnT 11: 5th International Workshop On Very Large Volume Neutrino Telescopes: The future of high-energy neutrino astronomy (2013) 227-229, Erlangen, Germany, 12-14 Oct 2011
2. NEMO-SMO acoustic array: A deep-sea test of a novel acoustic positioning system for a  $km^3$ -scale underwater neutrino telescope, S. Viola, M. Ardid, V. Bertin, A. Enzenhöfer, P. Keller, R. Lahmann, G. Larosa, C. Llorens, Nucl. Instrum. Meth. A, 725, VLVnT 11: 5th International Workshop On Very Large Volume Neutrino Telescopes: The future of high-energy neutrino astronomy (2013) 207-210, Erlangen, Germany, 12-14 Oct 2011
3. Atmospheric Neutrino Oscillations in Antares, J. Brunner, Nucl. Phys. B-Proc. Sup, 237-238, Neutrino Oscillation Workshop (2013) 269-271, Conca Specchiulla, Italy, 8-15 Sep 2012
4. Measurement of neutrino oscillations with the ANTARES detector, J. Brunner, Nucl. Instrum. Meth. A, 725, 5th Very Large Volume Neutrino Telescope Workshop (2013) 72-75, Erlangen, Germany, 12-14 Oct 2011
5. Recent results from the ANTARES deep sea neutrino telescope, P. Coyle, Nucl. Phys. B-Proc. Sup, 235-236, 25th International Conference on Neutrino Physics and Astrophysics (2013) 339-345, Kyoto, Japan, 4-9 Jun 2012
6. Search of a neutrino signal with the ANTARES telescope based on multi-messenger analysis, D. Dornic, indéfini, volume, 48th Rencontres de Moriond on Very High Energy Phenomena in the Universe (2013) 265-268, La Thuile, Italy, 9-16 Mar 2013
7. Indirect detection of dark matter with the ANTARES neutrino telescope, V. Bertin, indéfini, volume, 48th Rencontres de Moriond on Very High Energy Phenomena in the Universe (2013) 183-186, La Thuile, Italy, 9-16 Mar 2013

8. IceCube and ANTARES, J. Brunner, EPJ Web Conf., 52, 17th International Symposium on Very High Energy Cosmic Ray Interactions (2013) 09005, Berlin, Germany, 10-15 Aug 2012
9. Search for neutrinos from transient sources with the ANTARES telescope and optical follow-up observations, M. Ageron, I. Al Samarai, S. Basa, V. Bertin, J. Brunner, J. Busto, D. Dornic, F. Schussler, B. Vallage, A. Mathieu, A. Klotz, indéfini, 33rd International Cosmic Ray Conference (ICRC 2013) (2013), Rio de Janeiro, Brazil, 2-9 Jul 2013

2012

1. Design and first tests of an acoustic positioning and detection system for KM3NeT, F. Simeone, F. Ameli, M. Ardid, V. Bertin, M. Bonori, M. Bou-Cabo, C. Cali, A. D'Amico, G. Giovanetti, M. Imbesi, P. Keller, G. Larosa, C.D. Llorens, R. Masullo, N. Randazzo, G. Riccobene, F. Speziale, S. Viola, Nucl. Instrum. Meth. A, 662, 4th International Workshop on Acoustic and Radio EeV Neutrino Detection Activities (2012) S246-S248, Nantes, France, 29 Jun - 2 Jul 2010
2. Status and recent results of the ANTARES deep-sea neutrino telescope, H. Costantini, Nucl. Instrum. Meth. A, 692, 3rd Roma International Conference on Astro-Particle Physics (2012) 41-45, Rome, Italy, 25-27 May 2011
3. Search for neutrinos from transient sources with the ANTARES telescope and optical follow-up observations, M. Ageron, I. Al Samarai, C. Akerlof, S. Basa, V. Bertin, M. Boer, J. Brunner, J. Busto, D. Dornic, A. Klotz, F. Schussler, B. Vallage, M. Vecchi, W. Zheng, Nucl. Instrum. Meth. A, 692, 3rd Roma International Conference on Astro-Particle Physics (2012) 184-187, Rome, Italy, 25-27 May 2011
4. An ebcMOS camera system for marine bioluminescence observation: The LuSEapher prototype, A. Dominjon, M. Ageron, R. Barbier, M. Billault, J. Brunner, T. Cajgfinger, P. Calabria, E. Chabanat, D. Chaize, Q. Doan, C. Guerin, J. Houles, L. Vagneron, Nucl. Instrum. Meth. A, 695, 6th International Conference on New Developments In Photodetection: NDIP 2011 (2012) 172-178, Lyon, France, 4-8 Jul 2011
5. Indirect Search for Dark Matter with the ANTARES Neutrino Telescope, V. Bertin, J. Phys. Conf. Ser., 375, 12th International Conference on Topics in Astroparticle and Underground Physics (TAUP2011) (2012) 012033, Munich, Germany, 5-9 Sep 2011
6. Neutrino telescopes, H. Costantini, Phys. Atom. Nucl+, 75, 13th International Moscow School of Physics and 38th ITEP Winter School of Physics (2012) 1077-1084, Moscow, Russia, 13-20 Feb 2010
7. Status and Results from the ANTARES Neutrino Telescope, C. Rivière, indéfini, 47th Rencontres de Moriond, session Cosmology (2012), La Thuile, Italy, 10-17 Mar 2012

8. Search for Neutrino Emission From Microquasars with the ANTARES Telescope, S. Galatà, indéfini, Annual meeting of the French Society of Astronomy and Astrophysics (SF2A 2012) (2012) 579-582, Nice, France, 5-8 Apr 2012
9. Searches for high energy neutrinos, J. Brunner, PoS, 2012, 11th International Conference on Heavy Quarks and Leptons (HQL 2012) (2012) 055, Prague, Czech Republic, 11-15 Jun 2012

2011

1. First data from the ANTARES neutrino telescope, V. Bertin, Nucl. Phys. B-Proc. Sup, 221, 22nd International Conference on Neutrino Physics and Astrophysics (2011) 32-36, Santa Fe, Mexico, 13-19 Jun 2006
2. A New Technique for the Deep-Sea Mating of Inexpensive Connectors, S. Beurthey, Nucl. Instrum. Meth. A, 626-627, International Workshop on Very Large Volume Neutrino Telescopes (VLVnT09) (2011) S124-S126, Athènes, Greece, 13-15 Oct 2009
3. Studies of an Alternative Glass Pressure Housing for Optical Modules in the KM3NeT Neutrino Telescope, A. Cosquer, P. Keller, Nucl. Instrum. Meth. A, 626-627, International Workshop on Very Large Volume Neutrino Telescopes (VLVnT09) (2011) S127-S129, Athènes, Greece, 13-15 Oct 2009
4. The ANTARES neutrino telescope: Status and first results, J. Brunner, Nucl. Instrum. Meth. A, 626, 4th International Workshop On Very Large Volume Neutrino Telescopes for the Mediterranean Sea (VLVnT09) (2011) S19-S24, Athens, Greece, 13-15 Oct 2009
5. Search for neutrinos from transient sources with the ANTARES telescope and optical follow-up observations (TAToO), D. Dornic, J. Brunner, S. Basa, I. Al Samarai, V. Bertin, M. Boer, J. Busto, S. Escoffier, A. Klotz, A. Mazure, B. Vallage, Nucl. Instrum. Meth. A, 626-627, 4th International Workshop On Very Large Volume Neutrino Telescopes for the Mediterranean Sea (VLVnT09) (2011) S183-S184, Athens, Greece, 13-15 Oct 2009
6. R&D for an innovative acoustic positioning system for the KM3NeT neutrino telescope, F. Ameli, M. Ardid, V. Bertin, M. Bonori, M. Bou-Cabo, C. Cali, A. D'Amico, G. Giovanetti, M. Imbesi, P. Keller, G. Larosa, C.D. Llorens, R. Masullo, N. Randazzo, G. Riccobene, F. Speciale, S. Viola, Nucl. Instrum. Meth. A, 626, 4th International Workshop on a Very Large Volume Neutrino Telescope for the Mediterranean Sea (2011) S211-S213, Athènes, Greece, 13-15 Oct 2009
7. Indirect Search for Dark Matter with the ANTARES Neutrino Telescope, V. Bertin, J. Phys. Conf. Ser., 315, VI International Workshop on the Dark side of the Universe (DSU2010) (2011) 012033, Guanajuato, Mexico, 1-6 Jun 2010
8. ANTARES: Status, first results and multi-messenger astronomy, M. Vecchi, indéfini, 46th Rencontres de Moriond on Electroweak Interactions and Unified Theories (2011), La Thuile, Italy, 13-20 Mar 2011



9. Optical Follow-Up of High Energy Neutrinos Detected by the ANTARES Telescope, M. Vecchi, M. Ageron, C. Akerlof, I. Al Samarai, S. Basa, V. Bertin, M. Boer, J. Brunner, J. Busto, D. Dornic, A. Klotz, F. Schüssler, B. Vallage, W. Zheng, indéfini, Annual meeting of the French Society of Astronomy and Astrophysics (SF2A 2011) (2011), Paris, France, 20-23 Jun 2011
10. Diffuse Neutrino Fluxes, J. Brunner, indéfini, XIVth International Workshop on Neutrino Telescopes (2011), Venise, Italy, 15-18 Mar 2011
11. Observation of the Moon shadow with the ANTARES neutrino telescope, C. Distefano, C. Rivière, PoS, EPS- HEP2011, 2011 Europhysics Conference on High Energy Physics (2011) 385, Grenoble, France, 21-27 Jul 2011
12. Optical follow-up of high energy neutrinos detected by the ANTARES telescope, M. Vecchi, PoS, EPS-HEP2011, 2011 Europhysics Conference on High Energy Physics (2011) 386, Grenoble, France, 21-27 Jul 2011
13. Searches for Point Sources of High Energy Cosmic Neutrino with the ANTARES Telescope, D. Dornic, PoS, EPS- HEP2011, 2011 Europhysics Conference on High Energy Physics (2011) 045, Grenoble, France, 21-27 Jul 2011
14. Moon Shadow Observation with the ANTARES Neutrino Telescope, C. Rivière, indéfini, 32nd International Cosmic Ray Conference (ICRC 2011) (2011), Beijing, China, 11-18 Aug 2011
15. Search for Magnetic Monopoles with the ANTARES Underwater Neutrino Telescope, N. Picot Clemente, indéfini, 32nd International Cosmic Ray Conference (ICRC 2011) (2011), Beijing, China, 11-18 Aug 2011
16. On neutrino oscillations searches with ANTARES, G. Guillard, J. Brunner, indéfini, 32nd International Cosmic Ray Conference (ICRC 2011) (2011), Beijing, China, 11-18 Aug 2011

2010

1. KM3Net: a Cubic-kilometre-Scale Deep Sea Neutrino Telescope in the Mediterranean Sea, J.-P. Ernenwein, ICRC, 31st International Cosmic Ray Conference (ICRC 2009) (2010), Lodz, Poland, 7-15 Jul 2009
2. The ANTARES deep sea neutrino telescope: status and first results, P. Coyle, ICRC, 31st International Cosmic Ray Conference (ICRC 2009) (2010), Lodz, Poland, 7-15 Jul 2009
3. Search for exotic Physics with the ANTARES detector, G. Pavalas, N. Picot-Clémente, ICRC, 31st International Cosmic Ray Conference (ICRC 2009) (2010), Lodz, Poland, 7-15 Jul 2009
4. Search for neutrinos from transient sources with the ANTARES telescope and optical follow-up observations, D. Dornic, S. Basa, J. Brunner, I. Al Samarai, J. Busto, A. Klotz, S. Escoffier, V. Bertin, B. Vallage, B. Gendre, A. Mazure, M. Boer, ICRC, 31st International Cosmic Ray Conference (ICRC 2009) (2010), Lodz, Poland, 7-15 Jul 2009

5. The ANTARES deep-sea neutrino telescope: Status and first results, N. Picot Clemente, Nuovo Cim. C, 33N5, Les Rencontres de Physique de la Vallée d'Aoste 2010 (2010) 61-66, La Thuile, Italy, 28 Feb - 6 Mar 2010
6. Search for neutrinos from gamma-ray bursts with the ANTARES telescope, S. Escoffier, AIP Conf. Proc, 1279, Deciphering the Ancient Universe with Gamma-Ray Bursts (2010) 306-308, Kyoto, Japan, 19-23 Apr 2010
7. Indirect search for Dark Matter with the ANTARES neutrino telescope, Z. Charif, indéfini, Journées de Rencontre des Jeunes Chercheurs (JRJC 2010) (2010), Angers, France, 29 Nov - 5 Dec 2010

## présentation orale

2024

1. Astroparticle and oscillation research in the abyss with KM3NeT, **P. Coyle**, International Symposium on Neutrino Physics and Beyond (NPB 2024), Hong Kong, China, 19-21 Feb 2024

2023

1. Status of KM3NeT, **P. Coyle**, Workshop Multi-Aspect Young ORiented Advanced Neutrino Academy (MAYORANA), Modica, Italy, 12-14 Jul 2023
2. Results from Tau neutrino appearance from KM3NeT/ORCA, **L. Cerisy**, IRN Neutrino Meeting, Karlsruhe, Allemagne, 27-28 Nov 2023
3. First evidence for neutrino tagging, **B. De Martino**, IRN Neutrino Meeting, Karlsruhe, Allemagne, 27-28 Nov 2023
4. Searching for neutrinos from Microquasar flares, **S. Le Stum**, IRN Neutrino meeting, Nantes, France, 19-20 Jun 2023
5. Combined KM3NeT-ARCA and ANTARES searches for diffuse and point-like neutrino emission, **D. Dornic**, B. Caiffi, V. Kulikovskiy, V. Parisi, M. Sanguineti, S. Zavatarelli, S. Alves Garre, T. van Eeden", A. Heijboer, G. Illuminati, R. Muller, 38th International Cosmic Ray Conference, Nagoya, Japan, 26 Jul - 03 Aug 2023
6. Tau neutrino appearance measurement in KM3NeT/ORCA6, **C. Lastoria**, XVIIIth International Conference on Topics in Astroparticle and Underground Physics (TAUP 2023), Vienna, Austria, 28 Aug - 01 Sep 2023
7. Astroparticle and oscillation results from KM3NeT, **P. Coyle**, NuPhys2023: Prospects in Neutrino Physics, London, United Kingdom, 18-20 Dec 2023
8. Neutrino tagging, **M. Perrin-Terrin**, NuPhys2023: Prospects in Neutrino Physics, London, United Kingdom, 18-20 Dec 2023

2022

1. Real-time multi-messenger analysis framework of KM3NeT, **D. Dornic**, Low-latency alerts & Data analysis for Multi-messenger Astrophysics, Paris, France, 13-14 Jan 2022
2. Multi-Messenger Observations with Neutrinos, **D. Dornic**, 12th CosPa meeting : Multi-Messenger Sources and Observations, Louvain-la-Neuve, Belgium, 21 Apr 2022
3. Multi channel high energy neutrino observations, **D. Dornic**, Bursting Universe by Robots Eyes 2022, Online, indéfini, 15-20 Aug 2022
4. Oscillation physics with KM3NeT/ORCA, **C. Lastoria**, Neutrino Oscillation Workshop 2022, Ostuni, Brindisi, Italy, 4-11 Sep 2022
5. KM3NeT : Astroparticles and oscillations research with cosmics in the Abyss, **P. Coyle**, Town Hall KM3NeT Meeting, Catania, Italy, 20-22 Sep 2022
6. Return of experience of the ANTARES online framework and description of the KM3NeT real-time architecture, **D. Dornic**, Town Hall KM3NeT Meeting, Catania, Italy, 20-22 Sep 2022
7. Neutrino alert system of KM3NeT, **G. Vannoye**, Town Hall KM3NeT Meeting, Catania, Italy, 20-22 Sep 2022
8. Real-time correlation analysis with KM3NeT, **S. Le Stum**, Town Hall KM3NeT Meeting, Catania, Italy, 20-22 Sep 2022
9. High-energy neutrinos and multi-messenger astronomy, **D. Dornic**, International conference PUMA22 Probing the Universe with Multimessenger Astrophysics, Sestri Levante, Italy, 26-30 Sep 2022
10. KM3NeT open science programs, **D. Dornic**, Astrophysique des Hautes Energies dans l'Observatoire Virtuel, Strasbourg, France, 11 Oct 2022
11. Observation of the cosmic ray shadow of Moon and Sun with 6 lines of KM3Net/ORCA, **L. Cerisy**, IRN Neutrino Meeting, Orsay, France, 16-17 Nov 2022
12. Neutrino alerts and follow-up challenges, **D. Dornic**, Neutrinos in the Multi-Messenger Era, Louvain-la-Neuve, Belgium, 29 Nov - 2 Dec 2022

2021

1. Long-baseline tagged neutrino experiments with megaton scale water Cerenkov detectors, **M. Perrin-Terrin**, XIX International Workshop on Neutrino Telescopes (NeuTel 2021), Venice, Italy, 18-26 Feb 2021
2. -decay tagged  $\mu$  beam (NUTAG), **M. Perrin-Terrin**, Physics Beyond Collider Annual Workshop (PBC 2021), CERN, Switzerland, 01-04 Mar 2021
3. Derniers résultats sur l'astronomie neutrino, **D. Dornic**, Atelier 3 de la Communauté Française du Rayonnement Cosmique (CFRCOS-3), Montpellier, France, 5-7 May 2021

4. Real-time Multi-Messenger Analysis Framework of KM3NeT, **F. Huang**, D. Dornic, E. Le Guirec, M. Lincetto, W. Assal, G. Vannoye, Very Large Volume Neutrino Telescope Workshop (VLVnT 2021), Valencia, Spain, 18-21 May 2021
5. KM3NeT Core Collapse Supernovae observation program in standalone and multi-messenger modes, **M. Lincetto**, D. Dornic, M. Colomer Molla, V. Kulikovskiy, A. Coleiro, Very Large Volume Neutrino Telescope Workshop (VLVnT 2021), Valencia, Spain, 18-21 May 2021
6. Long-baseline tagged neutrino experiments with very large volume neutrino telescopes, **M. Perrin-Terrin**, Very Large Volume Neutrino Telescope Workshop (VLVnT 2021), Valencia, Spain, 18-21 May 2021
7. Analysis of the first KM3NeT-ORCA data, V. Pestel, Z. Aly, L. Nauta, Very Large Volume Neutrino Telescope Workshop (VLVnT 2021), Valencia, Spain, 18-21 May 2021
8. All-flavour search for a diffuse cosmic neutrino flux with ANTARES, **L. Fusco**, Very Large Volume Neutrino Telescope Workshop (VLVnT 2021), Valencia, Spain, 18-21 May 2021
9. Neutrino tagging based silicon trackers developments, **M. Perrin-Terrin**, IRN Neutrino Meeting, Paris, France, 10-11 Jun 2021
10. The MicroRadon project, **O. Llido**, J. Busto, ANIMMA 2021, Prague, Czech Republic, 21-25 Jun 2021
11. Underwater Neutrino telescopes: status and future, **P. Coyle**, 37th International Cosmic Ray Conference (ICRC 2021), Berlin, Germany, 12-23 Jul 2021
12. Search for a diffuse flux of cosmic neutrinos with the ANTARES neutrino telescope, **L. A. Fusco**, 37th International Cosmic Ray Conference (ICRC 2021), Berlin, Germany, 12-23 Jul 2021
13. Sensitivity of the KM3NeT/ORCA detector to the neutrino mass ordering and beyond, **M. Perrin-Terrin**, 37th International Cosmic Ray Conference (ICRC 2021), Berlin, Germany, 12-23 Jul 2021
14. Astronomie neutrino avec KM3NeT, **D. Dornic**, Journées PNHE 2021, Paris, France, 14-16 Sep 2021
15. Real-time Multi-Messenger Activities of KM3NeT, **F. Huang**, The Transient Universe Waiting in the Sky 2021, Virtuel, indéfini, 24-26 Nov 2021
16. Monitoring the neutrino sky for the next Galactic supernova, **G. Vannoye**, The Transient Universe Waiting in the Sky 2021, Virtuel, indéfini, 24-26 Nov 2021
17. Status of the SVOM project, **D. Dornic**, 13th FCPPL Workshop, Visioconf, indéfini, 13-16 Dec 2021
18. Neutrino astronomy with KM3NeT, **D. Dornic**, 13th FCPPL Workshop, Visioconf, indéfini, 13-16 Dec 2021

2020

1. KM3NeT real-time multi messenger analysis, **D. Dornic**, Enabling novel real-time multi-messenger studies, Berlin, Germany, 26-27 Mar 2020
2. Review on real-time multi-messenger astronomy, **D. Dornic**, Cosmic Rays and Neutrinos in the Multi-Messenger Era, Paris, France, 7-11 Dec 2020

2019

1. KM3NeT science and multi-messenger synergies, **D. Dornic**, The New Era of Multi-Messenger Astrophysics (ASTERICS Symposium), Groningen, Netherlands, 25-29 Mar 2019
2. Multi-messenger real-time analysis framework of the KM3NeT neutrino telescope, **D. Dornic**, The New Era of Multi-Messenger Astrophysics (ASTERICS Symposium), Groningen, Netherlands, 25-29 Mar 2019
3. Supernova detection and real-time alerts with the KM3NeT neutrino telescope, **M. Lincetto**, The New Era of Multi-Messenger Astrophysics (ASTERICS Symposium), Groningen, Netherlands, 25-29 Mar 2019
4. Multi-messenger real-time analysis framework of the ANTARES/KM3NeT neutrino telescope, **D. Dornic**, First workshop of the Mexican-French LIA ERIDANUS, Toulouse, France, 3-6 Jun 2019
5. First real-time results and CCSN alert triggering with the KM3NeT neutrino telescopes, **M. Lincetto**, SNEWS 2.0: Supernova Neutrinos in the Multi-Messenger Era, Sudbury, Canada, 14-17 Jun 2019
6. Search for neutrino counterparts of cataloged gravitational-wave events detected by Advanced-LIGO and Virgo during run O2 with ANTARES, M. Colomer Molla, B. Baret, A. Coleiro, **D. Dornic**, T. Pradier, 36th International Cosmic Ray Conference (ICRC 2019), Madison, United States, 24 Jul - 1 Aug 2019
7. Ten years of multi-wavelength follow-up observations of ANTARES neutrino alerts, **D. Dornic**, **M. Ageron**, V. Bertin, **J. Brunner**, A. Coleiro, F. Schussler, D. Turpin, B. Vallage, 36th International Cosmic Ray Conference (ICRC 2019), Madison, United States, 24 Jul - 1 Aug 2019
8. KM3NeT/ORCA: status and prospects, **M. Perrin-Terrin**, The 21st International Workshop on Neutrinos from Accelerators (NUFACT2019), Daegu, Korea, 26-31 Aug 2019
9. Neutrino Oscillation measurements and BSM physics searches with Neutrino Telescopes in the Mediterranean, **P. Coyle**, The 21st International Workshop on Neutrinos from Accelerators (NUFACT2019), Daegu, Korea, 26-31 Aug 2019
10. Panorama of high-energy neutrino telescopes in 2030s, **D. Dornic**, Journée THESEUS France, Paris, France, 23 Sep 2019

11. Multi-messenger real-time analysis framework of the KM3NeT Telescope, **D. Dornic**, 3e atelier national Transient Sky 2020, Paris, France, 25-26 Sep 2019
12. Indirect search for Dark Matter with the ANTARES and KM3NeT deep sea neutrino telescopes, **V. Bertin**, 4th Uppsala workshop on Particle Physics with Neutrino Telescopes (PPNT19), Uppsala, Sweden, 7-9 Oct 2019
13. Dark matter capture by the Sun: revisiting velocity distribution uncertainties, **A. Nuñez**, E. Nezri, V. Bertin, 4th Uppsala workshop on Particle Physics with Neutrino Telescopes (PPNT19), Uppsala, Sweden, 7-9 Oct 2019
14. Revisiting Dark Matter velocity distribution uncertainties, **A. Nuñez**, E. Nezri, V. Bertin, IRN Terascale @ Bruxelles, Bruxelles, Belgium, 16-18 Oct 2019

2018

1. The SVOM mission, **D. Dornic**, Journées LSST-France, Marseille, France, 16-18 Jan 2018
2. KM3NeT and ORCA, **P. Coyle**, JINR Day in France, Paris, France, 15 Feb 2018
3. Vers une astronomie neutrino avec IceCube+ANTARES+KM3NeT, **D. Dornic**, Atelier de la communauté française de recherche sur le rayonnement cosmique [CFRCos], Paris, France, 26-28 Mar 2018
4. Status and physics prospect of ORCA/KM3NeT, **J. Brunner**, 11th FCPPL Workshop, Marseille, France, 22-25 Mai 2018
5. ANTARES and KM3NeT, **P. Coyle**, 20th International Symposium on Very High Energy Cosmic Ray Interactions, Nagoya, Japan, 21-25 Mai 2018
6. Towards neutrino astronomy with IceCube+ANTARES+KM3NeT, **V. Bertin**, 11th FCPPL Workshop, Marseille, France, 22-25 Mai 2018
7. KM3NeT: Neutrino oscillation and astroparticle research in the Mediterranean sea, **D. Zaborov**, Quarks 2018 - XXth International Seminar on High Energy Physics, Valday, Russia, 27 May - 02 Jun 2018
8. Status and physics prospect of ORCA/KM3NeT, **J. Brunner**, Advanced Workshop on Physics of Atmospheric Neutrinos - PANE 2018, Trieste, Italy, 28 May - 01 Jun 2018
9. Concluding remarks of PANE 2018 workshop, **P. Coyle**, Advanced Workshop on Physics of Atmospheric Neutrinos - PANE 2018, Trieste, Italy, 28 May - 01 Jun 2018
10. Neutrino astronomy : alerts and brokers, **D. Dornic**, Transient Sky 2020 National Workshop - 2nd Edition, Montpellier, France, 04-06 Jun 2018
11. Indirect search for Dark Matter with the ANTARES and KM3NeT deep sea neutrino telescopes, **V. Bertin**, The 14th international workshop on Dark Side of the Universe (DSU 2018), Annecy, France, 25-29 Jun 2018

12. Neutrino physics with KM3NeT/ORCA, **D. Zaborov**, NuFact 2018, 20th workshop on neutrinos from accelerators, Blacksburg, United States, 12-18 Aug 2018
13. Multi-messenger analysis with the ANTARES neutrino telescope, **D. Dornic**, 14th Rencontres of Vietnam: Very High Energy Phenomena in the Universe, Quy Nhon, Vietnam, 12-18 Aug 2018
14. KM3NeT/ORCA: Perspectives and multi-search potential of an underwater neutrino telescope, **A. Domi**, 14th Rencontres of Vietnam: Very High Energy Phenomena in the Universe, Quy Nhon, Vietnam, 12-18 Aug 2018
15. Testing simple dark matter phase space prediction methods on cosmological dynamic simulations of Miky-Way-like galaxies, **A. Nuñez**, T. Lacroix, J. Lavalle, P. Mollitor, E. Nezri, M. Stref, 2018 TeV Particles Astrophysics (TeVPA 2018), Berlin, Germany, 27-31 Aug 2018
16. Neutrino oscillations with ANTARES, **J. Brunner**, Neutrino Oscillation Workshop (NOW 2018), Ostuni, Italy, 9-16 Sep 2018
17. Des fonds marins à l'Univers lointain : un positionnement acoustique de précision pour d'une nouvelle astronomie !, **V. Bertin**, 12e Conférence technique interne iXblue (iXtech18), St-Germain-e-Laye, France, 27-28 Sep 2018
18. Particle Physics with ORCA, **A. Domi**, Very Large Volume Neutrino Telescopes (VLVnT 2018), Dubna, Russia, 2-4 Oct 2018
19. KM3NeT status, **P. Coyle**, Very Large Volume Neutrino Telescopes (VLVnT 2018), Dubna, Russia, 2-4 Oct 2018
20. A neutrino detector in the Mediterranean Sea as target for a neutrino beam, **J. Brunner**, Very Large Volume Neutrino Telescopes (VLVnT 2018), Dubna, Russia, 2-4 Oct 2018
21. Astrophysical uncertainties on Dark Matter Capture by the Sun and the connection with cosmological Simulations, **A. Nuñez**, 2nd GNN Workshop on Indirect Dark Matter Searches with Neutrino Telescopes (Dark Ghosts 2018), Bruxelles, Belgium, 13-14 Nov 2018

2017

1. KM3NeT/ORCA : Oscillation Research in the Abyss, **J. Brunner**, XVII International Workshop on Neutrino Telescopes, Venice, Italy, 13 Mar - 17 Mar 2017
2. Selected results of the ANTARES telescope and perspectives for KM3NeT, **D. Dornic**, 52nd Rencontres de Moriond - Very High Energy Phenomena in the Universe, La Thuile, Italy, 18-25 Mar 2017
3. KM3NeT : Astroparticle and Oscillation Research in the Abyss, **P. Coyle**, IceCube Particle Astrophysics Symposium (IPA 2017), Madison, United States, 8-10 May 2017

4. Discussion on neutrino alerts, **D. Dornic**, Transient Sky in 2020, Orsay, France, 20-22 Jun 2017
5. Multi-wavelength follow-up observations of ANTARES neutrino alerts, **D. Dornic**, **M. Ageron**, **V. Bertin**, **J. Brunner**, **A. Mathieu**, F. Schüssler, B. Vallage, S. Basa, 35th International Cosmic Ray Conference (ICRC2017), Busan, South Korea, 12 Jul - 20 Jul 2017
6. Time-dependant search of neutrino emission from X-ray and gamma-ray binaries using eight years of data of the ANTARES telescope, A. Sanchez-Losa, **D. Dornic**, A. Coleiro, 35th International Cosmic Ray Conference (ICRC2017), Busan, South Korea, 12 Jul - 20 Jul 2017
7. Search for a high-energy neutrino signal from Fast Radio Bursts with the ANTARES telescope, **D. Turpin**, **D. Dornic**, A. Coleiro, M. Sanguinetti, 35th International Cosmic Ray Conference (ICRC2017), Busan, South Korea, 12 Jul - 20 Jul 2017
8. The ANTARES neutrino alerts and the associated EM follow-up, **D. Dornic**, 2nd SVOM Scientific Workshop : Surveying the Fast Changing Multi-Wavelength Sky with SVOM, Qiannan, China, 24-28 Apr 2017
9. Dark Matter searches with Neutrino Telescopes, **J. Brunner**, XIII Rencontres du Vietnam : Exploring the Dark Universe, Quy Nhon, Vietnam, 23 Jul - 29 Jul 2017
10. Recent Results from the ANTARES Neutrino Telescope, **V. Bertin**, XV International Conference on Topics in Astroparticle and Underground Physic (TAUP 2017), Sudbury, Canada, 24 Jul - 28 Jul 2017
11. The KM3NeT neutrino telescope and the potential of a neutrino beam from Russia to the Mediterranean Sea, **D. Zaborov**, XVIII Lomonosov Conference on Elementary Particle Physics, Moscow, Russia, 24 Aug - 30 Aug 2017
12. Sensitivity of the ANTARES neutrino telescope to atmospheric neutrino oscillation parameters, **I. Salvadori**, 103e National Congress of the Italian Physical Society, Trento, Italy, 11 Sep - 15 Sep 2017
13. Neutrino emission from XRB and search with the ANTARES telescope, **D. Dornic**, From quiescent to outburst: when microquasars go wild, Porquerolles, France, 25-29 Sep 2017
14. Status of KM3NeT/ORCA, L. Quinn, GDR Neutrino meeting, Paris, France, 20-21 Nov 2017
15. Scientific potential of a neutrino beam from Protvino to ORCA (P2O), **D. Zaborov**, GDR Neutrino meeting, Paris, France, 20-21 Nov 2017
16. Indirect search for Dark Matter with the ANTARES deep sea neutrino telescope, **V. Bertin**, IRN Terascale @ Marseille, Marseille, France, 13-15 Dec 2017



17. Cosmological simulations of spiral galaxies : dark matter detection aspects, **A. Nuñez**, E. Nezri, V. Bertin, J. Lavalle, M. Stref, T. Lacroix, IRN Terascale @ Marseille, Marseille, France, 13-15 Dec 2017

2016

1. KM3NeT : Astroparticle and Oscillation Research in the Abyss, **P. Coyle**, 9th France-China Particle Physics Laboratory workshop, Strasbourg, France, 30 Mar - 1 Avr 2016
2. KM3NeT - Status and Perspectives, **J. Brunner**, 6th Roma International Conference on Astroparticle Physics (RICAP 2016), Frascati, Italy, 21 Jun - 24 Jun 2016
3. Neutrino mass hierarchy determination with KM3NeT/ORCA, **P. Coyle**, XXVII International Conference on Neutrino Physics and Astrophysics (Neutrino 2016), Londres, United Kingdom, 4-9 Jul 2016
4. Highlights from the ANTARES neutrino telescope, **A. Enzenhöfer**, 38th International Conference on High Energy Physics ICHEP2016, Chicago, United States, 03-10 Aou 2016
5. Astroparticle and Neutrino Oscillation Research with KM3NeT, **V. Kulikovskiy**, 11th Workshop on Science with the New generation of High Energy Gamma-ray Experiments (SciNeGHE 2016), Pisa, Italy, 18-21 Oct 2016
6. Searches for High Energy Neutrinos from GRBs with the ANTARES telescope, **D. Dornic**, 8th Huntsville Gamma Ray Burst symposium, Huntsville, United States, 24-28 Oct 2016

2015

1. The MEUST Deep Sea Cabled Observatory, **C. Vallée**, M. Ageron, V. Bertin, S. Beurthey, M. Billault, J. Brunner, L. Caillat, A. Cosquer, P. Coyle, J.-J. Destelle, D. Dornic, F. Gallo, S. Henry, P. Keller, P. Lamare, J. Laurence, F. Léon, Ch. Lerouvillois, J. Royon, M. Solazzo, D. Tézier, S. Théraube, Oceans'15 MTS/IEEE, Genova, Italy, 18-21 May 2015
2. Neutrinos and KM3NeT, **P. Coyle**, 4th OCEVU General Workshop, Marseille, France, 26-28 May 2015
3. Observation of the Hadronic Sky at High Energy, **D. Turpin**, 4th OCEVU General Workshop, Marseille, France, 26-28 May 2015
4. Status of ORCA, **P. Coyle**, GDR Neutrino 2015, Clermont-Ferrand, France, 9-10 Jun 2015
5. Follow-up of high energy neutrinos detected by the ANTARES telescope - Case of core-collapse supernovae, **A. Mathieu**, PESSTO Meeting IX, Paris, France, 15-17 Jun 2015
6. Highlights from ANTARES, and prospects for KM3NeT, M. Spurio, J. Brunner, A.D. Kouchner, C. James, 34th International Cosmic Ray Conference (ICRC 2015), The Hague, Netherlands, 30 Jul - 6 Aug 2015

7. Searches for neutrinos from gamma-ray bursts with ANTARES, **D. Turpin**, 34th International Cosmic Ray Conference (ICRC 2015), The Hague, Netherlands, 30 Jul - 6 Aug 2015
8. Time-dependent search of neutrino emission from X-ray binaries with the ANTARES telescope, **D. Dornic**, 34th International Cosmic Ray Conference (ICRC 2015), The Hague, Netherlands, 30 Jul - 6 Aug 2015
9. Time-dependent search of high-energy cosmic neutrinos from variable blazars with the ANTARES telescope, **D. Dornic**, 34th International Cosmic Ray Conference (ICRC 2015), The Hague, Netherlands, 30 Jul - 6 Aug 2015
10. Follow-up of high energy neutrinos detected by the ANTARES telescope, **A. Mathieu**, 34th International Cosmic Ray Conference (ICRC 2015), The Hague, Netherlands, 30 Jul - 6 Aug 2015
11. Searches of time-dependent neutrino sources using five years of data of the ANTARES telescope, **D. Dornic**, Very Large Volume Neutrino Telescope 2015 (VLVnT 2015), Rome, Italy, 14-16 Sep 2015
12. ANTARES/IceCube multi messenger projects, **J. Brunner**, Very Large Volume Neutrino Telescope 2015 (VLVnT 2015), Rome, Italy, 14-16 Sep 2015
13. Follow-up of high-energy neutrinos detected by the ANTARES telescope, **A. Mathieu**, M. Ageron, S. Basa, V. Bertin, J. Brunner, D. Dornic, A. Klotz, A. Le Van Suu, F. Schüssler, D. Turpin, B. Vallage, Very Large Volume Neutrino Telescope 2015 (VLVnT 2015), Rome, Italy, 14-16 Sep 2015
14. Follow-up of ANTARES neutrino alerts, **D. Dornic**, 4th AMON Workshop, State College, United States, 3-4 Dec 2015

2014

1. Indirect Search for Dark Matter with the ANTARES Neutrino Telescope, **V. Bertin**, Progress on Old and New Themes in Cosmology (PONT 2014), Avignon, France, 14-18 Apr 2014
2. ANTARES/KM3NeT: neutrinos out of the blue, **P. Coyle**, 5th Workshop on Air Shower Detection at High Altitude, Paris, France, 26-28 May 2014
3. TAToO: follow-up of high energy neutrinos detected by the ANTARES telescope, **A. Mathieu**, Gamma-Ray Bursts in the Multi-messenger Era, Paris, France, 16-19 Jun 2014
4. Neutrino telescopes, **P. Coyle**, FPCP 2014 - Flavor Physics & CP Violation, Marseille, France, 25-30 May 2014
5. Multi-messenger analyses with the ANTARES high energy neutrino telescope, **A. Mathieu**, 14th annual international symposium. Frontiers of Fundamental Physics (FFP14), Marseille, France, 15-18 Jun 2014
6. Multi-messenger analyses with the ANTARES high energy neutrino telescope, **A. Mathieu**, Frontiers of Fundamental Physics 14, Marseille, France, 15-18 Jul 2014

7. Mediterranean neutrino telescopes, **P. Coyle**, Frontiers of Fundamental Physics 14, Marseille, France, 15-18 Jul 2014
8. Search of a neutrino signal with the ANTARES neutrino telescope, **D. Dornic**, 10th Rencontres du Vietnam on Very High Energy Phenomena in the Universe, Quy Nhon, Vietnam, 3-9 Aug 2014
9. From Deep Sea to Deep Space with the ANTARES and KM3NeT Undersea Neutrino telescopes, **V. Bertin**, Topical Workshop on Electronics for Particle Physics (TWEPP 2014), Aix-en-Provence, France, 22-26 Sep 2014
10. MEUST, the next generation neutrino telescope, **S. Henry**, European Conference on Optical Communications (ECOC 2014), Cannes, France, 21-25 Sep 2014

2013

1. Neutrino Telescopes: an Overview, **P. Coyle**, 4th workshop on Air Shower Detection at High Altitude, Naples, Italy, 31 Jan - 1 Feb 2013
2. Optical follow-up of high energy neutrinos detected by the ANTARES telescope, **D. Dornic**, Realtime Astroparticle Physics, Bonn, Germany, 4-6 Feb 2013
3. ORCA - Measuring the  $\nu$  mass hierarchy with a sea water based neutrino telescope, **J. Brunner**, Aspen Winter Workshop – New Directions in Neutrino Physics, Aspen, United States, 3-9 Feb 2013
4. Indirect detection of dark matter with the ANTARES neutrino telescope, **V. Bertin**, 48th Rencontres de Moriond on Very High Energy Phenomena in the Universe, La Thuile, Italy, 9-16 Mar 2013
5. Search of a neutrino signal with the ANTARES telescope based on multi-messenger analysis, **D. Dornic**, 48th Rencontres de Moriond on Very High Energy Phenomena in the Universe, La Thuile, Italy, 9-16 Mar 2013
6. Optical follow-up of high energy neutrinos detected by the ANTARES telescope, **A. Mathieu**, 6th meeting of the GDRE- GRBs, Liverpool, United Kingdom, 4-5 Apr 2013
7. Neutrino Oscillations with ANTARES/ORCA, **J. Brunner**, Exotic Physics with Neutrino Telescopes (EPNT 2013), Marseille, France, 3-5 Apr 2013
8. Monopole searches with ANTARES, **S. Escoffier**, Exotic Physics with Neutrino Telescopes (EPNT 2013), Marseille, France, 3-5 Apr 2013
9. ANTARES : un télescope à neutrinos, **L. Core**, 22e congrès général de la Société Française de Physique, Marseille, France, 1-5 Jul 2013
10. Search for neutrino emission of gamma-ray flaring blazars with the ANTARES telescope, **D. Dornic**, A. Sanchez-Losa, 33rd International Cosmic Ray Conference (ICRC 2013), Rio de Janeiro, Brazil, 2-9 Jul 2013
11. KM3NeT: the next generation neutrino telescope, **P. Coyle**, M. de Jong, 33rd International Cosmic Ray Conference (ICRC 2013), Rio de Janeiro, Brazil, 2-9 Jul 2013

12. KM3NeT: in situ prototyping campaign of the detection unit, **S. Henry**, 33rd International Cosmic Ray Conference (ICRC 2013), Rio de Janeiro, Brazil, 2-9 Jul 2013
13. Neutrino Telescopes as Targets for Long-Baseline Neutrino Beams, **J. Brunner**, 16th Lomonosov Conference on Elementary Particle Physics, Moscou, Russia, 22-28 Aug 2013
14. Recent results from operation of the ANTARES deep-sea neutrino telescope, **G. Hallewell**, 8th International Workshop on Ring Imaging Cherenkov Detectors, Hayama, Japan, 2-6 Dec 2013
15. Search of a neutrino signal with the ANTARES telescope based on multi-messenger analysis, **D. Dornic**, Astrophysical Multimessenger Observatory Network, State College, United States, 24-26 Oct 2013

2012

1. Developments on a Submarine Neutrino Sensor-Based Network, **C. Vallée**, Optical Fiber Communication Conference, Los Angeles , United States, 4-8 Mar 2012
2. Status and Results from the ANTARES Neutrino Telescope, **C. Rivière**, 47th Rencontres de Moriond, session Cosmology, La Thuile, Italy, 10-17 Mar 2012
3. Search for Neutrinos From Transient Sources with the ANTARES Telescope and Optical Follow-Up Observations, **D. Dornic**, Annual meeting of the French Society of Astronomy and Astrophysics (SF2A 2012), Nice, France, 5-8 Apr 2012
4. Search for Neutrino Emission From Microquasars with the ANTARES Telescope, **S. Galatà**, Annual meeting of the French Society of Astronomy and Astrophysics (SF2A 2012), Nice, France, 5-8 Apr 2012
5. Search for Neutrinos From Transient Sources with the ANTARES Telescope and Optical Follow-Up Observations, **I. Al Samarai**, **D. Dornic**, **S. Basa**, New Windows on Transient Across the Universe, Londres, United Kingdom, 23-24 Apr 2012
6. UHE-Neutrino Detection with the ANTARES Telescope, **L. Core**, Journées de l'Ecole Doctorale Physique et Sciences de la Matière, Marseille, France, 24-25 May 2012
7. Search for Ultra High Energy Neutrino Diffuse Flux with the ANTARES Telescope, **L. Core**, XXVth International Conference on Neutrino Physics and Astrophysics (Neutrino 2012), Kyoto, Japan, 3-9 Jun 2012
8. Recent results from the ANTARES deep sea neutrino telescope, **P. Coyle**, 25th International Conference on Neutrino Physics and Astrophysics, Kyoto, Japan, 4-9 Jun 2012
9. Searches for high energy neutrinos, **J. Brunner**, 11th International Conference on Heavy Quarks and Leptons (HQL 2012), Prague, Czech Republic, 11-15 Jun 2012

10. Indirect Search for Dark Matter with ANTARES, **Z. Charif**, Dark Attack 2012, Ascona, Switzerland, 15-20 Jul 2012
11. IceCube and ANTARES, **J. Brunner**, 17th International Symposium on Very High Energy Cosmic Ray Interactions, Berlin, Germany, 10-15 Aug 2012
12. Atmospheric Neutrino Oscillations in Antares, **J. Brunner**, Neutrino Oscillation Workshop, Conca Specchiulla, Italy, 8-15 Sep 2012

2011

1. ANTARES: Status, first results and multi-messenger astronomy, **M. Vecchi**, 46th Rencontres de Moriond on Electroweak Interactions and Unified Theories, La Thuile, Italy, 13-20 Mar 2011
2. Diffuse Neutrino Fluxes, **J. Brunner**, XIVth International Workshop on Neutrino Telescopes, Venice, Italy, 15-18 Mar 2011
3. The ANTARES Deep Sea Neutrino Telescope, **P. Coyle**, XIVth International Workshop on Neutrino Telescopes, Venice, Italy, 15-18 Mar 2011
4. Indirect Search for Dark Matter with the ANTARES Neutrino Telescope, **V. Bertin**, Progress on Old and New Themes in Cosmology (PONT 2011), Avignon, France, 18-22 Apr 2011
5. Status and recent results of the ANTARES deep-sea neutrino telescope, **H. Costantini**, 3rd Roma International Conference on Astro-Particle Physics, Rome, Italy, 25-27 May 2011
6. Search for neutrinos from transient sources with the ANTARES telescope and optical follow-up observations, M. Ageron, **I. Al Samarai**, C. Akerlof, S. Basa, **V. Bertin**, M. Boer, **J. Brunner**, **J. Busto**, **D. Dornic**, A. Klotz, F. Schussler, B. Vallage, **M. Vecchi**, W. Zheng, 3rd Roma International Conference on Astro-Particle Physics, Rome, Italy, 25-27 May 2011
7. Indirect Search for Dark Matter with the ANTARES Neutrino Telescope, **Z. Charif**, Workshop on Indirect Dark Matter Searches 2011, Hamburg, Germany, 14-17 Jun 2011
8. Optical Follow-Up of High Energy Neutrinos Detected by the ANTARES Telescope, **M. Vecchi**, M. Ageron, C. Akerlof, **I. Al Samarai**, S. Basa, **V. Bertin**, M. Boer, **J. Brunner**, **J. Busto**, **D. Dornic**, A. Klotz, F. Schüssler, B. Vallage, W. Zheng, Annual meeting of the French Society of Astronomy and Astrophysics (SF2A 2011), Paris, France, 20-23 Jun 2011
9. Optical follow-up of high energy neutrinos detected by the ANTARES telescope, **M. Vecchi**, 2011 Europhysics Conference on High Energy Physics, Grenoble, France, 21-27 Jul 2011
10. Searches for Point Sources of High Energy Cosmic Neutrino with the ANTARES Telescope, **D. Dornic**, 2011 Europhysics Conference on High Energy Physics, Grenoble, France, 21-27 Jul 2011

11. Status of the Antares Neutrino Telescopes, **S. Escoffier**, TeV Particle Astrophysics (TeVPA 2011), Stockholm, Sweden, 1-5 Aug 2011
12. Moon Shadow Observation with the ANTARES Neutrino Telescope, **C. Rivière**, 32nd International Cosmic Ray Conference (ICRC 2011), Beijing, China, 11-18 Aug 2011
13. Search for Magnetic Monopoles with the ANTARES Underwater Neutrino Telescope, **N. Picot Clemente**, 32nd International Cosmic Ray Conference (ICRC 2011), Beijing, China, 11-18 Aug 2011
14. Indirect Search for Dark Matter with the ANTARES Neutrino Telescope, **V. Bertin**, 12th International Conference on Topics in Astroparticle and Underground Physics (TAUP2011), Munich, Germany, 5-9 Sep 2011
15. Submarine Infrastructures for Neutrino Astronomy, **C. Vallée**, 37th European Conference and Exhibition on Optical Communication (ECOC 2011), Genève, Switzerland, 18-22 Sep 2011
16. Neutrino Telescopes: a Review, **J.-P. Ernenwein**, 13th ICATEPP Conférence on Astroparticle, Particle, Space Physics and Detectors for Physics Applications, Come, Italy, 3-7 Oct 2011
17. The MEUST infrastructure for neutrino astronomy, **J.-J. Destelle**, **C. Vallee**, VLVnT 11: 5th International Workshop On Very Large Volume Neutrino Telescopes: The future of high-energy neutrino astronomy, Erlangen, Germany, 12-14 Oct 2011
18. Measurement of neutrino oscillations with the ANTARES detector, **J. Brunner**, 5th Very Large Volume Neutrino Telescope Workshop, Erlangen, Germany, 12-14 Oct 2011

2010

1. Neutrino telescopes, **H. Costantini**, 13th International Moscow School of Physics and 38th ITEP Winter School of Physics, Moscow, Russia, 13-20 Feb 2010
2. The ANTARES deep-sea neutrino telescope: Status and first results, **N. Picot Clemente**, Les Rencontres de Physique de la Vallée d'Aoste 2010, La Thuile, Italy, 28 Feb - 6 Mar 2010
3. Search for neutrinos from gamma-ray bursts with the ANTARES telescope, **S. Escoffier**, Deciphering the Ancient Universe with Gamma-Ray Bursts, Kyoto, Japan, 19-23 Apr 2010
4. Detection of transient sources of HE neutrinos with the ANTARES telescope, **M. Vecchi**, International School Exploring the Dawn of the Universe with Gamma-Ray Bursts (GdreSchool), Cargèse, Corse, France, 17-22 May 2010
5. Indirect Search for Dark Matter with the ANTARES Neutrino Telescope, **V. Bertin**, VI International Workshop on the Dark side of the Universe (DSU2010), Guanajuato, Mexico, 1-6 Jun 2010

6. The ANTARES deep-sea neutrino telescope, **J.-P. Ernenwein**, TeV Particle Astrophysics 2010, Paris, France, 19-23 Jul 2010
7. The ANTARES Deep Sea Neutrino Telescope, **P. Coyle**, Cosmic Ray International Seminar (CRIS 2010), Catane, Italy, 13-17 Sep 2010
8. Status and prospects of the ANTARES/MEUST/KM3NeT infrastructure, **C. Vallée**, Workshop EMSO-Ligure, Sophia- Antipolis, France, 8 Nov 2010
9. Indirect search for Dark Matter with the ANTARES neutrino telescope, **Z. Charif**, Journées de Rencontre des Jeunes Chercheurs (JRJC 2010), Angers, France, 29 Nov - 5 Dec 2010

## affiche

2023

1. The Real-time Analysis Platform of KM3NeT and its first results, S. Celli, P. Demin, D. Dornic, F. Filippini, E. Giorgio, E. Le Guirriec, J. de Favereau de Jeneret, M. Lamoureux, M. Mastrodicasa, J. Palacios Gonzalez, S. Le Stum, A.-J. Tanasijczuk, G. Vannoye, A. Veutro, A. Zegarelli, 38th International Cosmic Ray Conference, Nagoya, Japan, 26 Jul - 03 Aug 2023
2. Searching for Core-Collapse Supernova neutrinos at KM3NeT, I. Goos, S. El Hedri, C. Donzaud, M. Bendahman, V. Kulikovskiy, G. Vannoye, D. Dornic, 38th International Cosmic Ray Conference, Nagoya, Japan, 26 Jul - 03 Aug 2023
3. Implementation of the KM3NeT Online Core-Collapse Supernova neutrino search, **D. Dornic**, C. Donzaud, S., El Hedri, V. Kulikovskiy, G. Vannoye , 38th International Cosmic Ray Conference, Nagoya, Japan, 26 Jul - 03 Aug 2023
4. Refined neutrino follow-up analysis of GRB 221009A with KM3NeT ARCA and ORCA detectors, J. Palacios Gonzalez, D. Dornic, F. Filippini, G. Illuminati, S. Le Stum, F. Salesa Greus, A. Sánchez Losa, G. Vannoye, A. Zegarelli, 38th International Cosmic Ray Conference, Nagoya, Japan, 26 Jul - 03 Aug 2023
5. Searching for neutrinos from microquasar flares with ANTARES and KM3NeT, **S. Le Stum**, D. Dornic, S. Alves Garre, 38th International Cosmic Ray Conference, Nagoya, Japan, 26 Jul - 03 Aug 2023
6. Follow-up of multi-messenger alerts with the KM3NeT ARCA and ORCA detectors, J. Palacios Gonzalez, S. Celli, D. Dornic, F. Filippini, E. Le Guirriec, J. de Favereau de Jeneret, G. Illuminati, M. Lamoureux, M. Mastrodicasa, R. Muller, F. Salesa Greus, A. Sánchez Losa, S. Le Stum, G. Vannoye, A. Veutro, A. Zegarelli, 38th International Cosmic Ray Conference, Nagoya, Japan, 26 Jul - 03 Aug 2023
7. Particle identification in KM3NeT/ORCA, **L. Cerisy**, A. Lazo, C. Lastoria, M. Perrin-Terrin, J. Brunner, V. Dabhi, 38th International Cosmic Ray Conference, Nagoya, Japan, 26 Jul - 03 Aug 2023

8. Art and Astrophysics in Conversation with KM3NeT Deep in the Mediterranean Sea, D. Fortescue, G. de Wasseige, J. Mauro, P. Coyle, A. Iioni, 38th International Cosmic Ray Conference, Nagoya, Japan, 26 Jul - 03 Aug 2023
9. Follow-up of O3 gravitational wave events with neutrinos in ANTARES and KM3NeT telescopes, M. Lamoureux, D. Dornic, S. Le Stum, G. Vannoye, 38th International Cosmic Ray Conference, Nagoya, Japan, 26 Jul - 03 Aug 2023

2022

1. Tagged neutrino beams, **B. De Martino**, M. Perrin-Terrin, XXX International Conference on Neutrino Physics and Astrophysics (Neutrino 2022), Seoul, Korea, 30 May - 04 Jun 2021
2. Monitoring the neutrino sky for the next Galactic Core- Collapse Supernova with KM3NeT, D. Dornic, V. Kulikovskiy, **G. Vannoye**, XXX International Conference on Neutrino Physics and Astrophysics (Neutrino 2022), Seoul, Korea, 30 May - 04 Jun 2021
3. First search for neutrino counterparts from gravitational wave sources with KM3NeT/ORCA, D. Dornic, F. Huang, M. Lamoureux, **S. Le Stum**, G. Vannoye, G. De Wasseige, XXX International Conference on Neutrino Physics and Astrophysics (Neutrino 2022), Seoul, Korea, 30 May - 04 Jun 2021
4. Online Multi-Messenger Program of KM3NeT, W. Assal, S. Celli, J. De Favereau de Jeneret, P. Demin, D. Dornic, **F. Huang**, V. Kulikovskiy, E. Le Guirriec, S. Le Stum, A. J. Tanasijczuk, H. Tedjditi, G. Vannoye, A. Zegarelli, XXX International Conference on Neutrino Physics and Astrophysics (Neutrino 2022), Seoul, Korea, 30 May - 04 Jun 2021
5. Measurement of neutrino oscillations with KM3NeT/ORCA, **Z. Aly**, XXX International Conference on Neutrino Physics and Astrophysics (Neutrino 2022), Seoul, Korea, 30 May - 04 Jun 2021
6. The online multi-messenger program of KM3NeT, **G. Vannoye**, Neutrinos in the Multi-Messenger Era, Louvain-la-Neuve, Belgium, 29 Nov - 2 Dec 2022
7. Monitoring the neutrino sky for the next galactic core- collapse supernova with KM3NeT, **G. Vannoye**, Neutrinos in the Multi-Messenger Era, Louvain-la-Neuve, Belgium, 29 Nov - 2 Dec 2022
8. Subsea observatories: Improvement on the deployment, position accuracies and communication to the surface, N. Olivier, P.-F. Adam, L. Bazin, V. Bertin, M.-N. Fabre, AGU (American Geophysical Union) Fall Meeting 2022, Chicago, United States, 12-16 Dec 2022

2021

1. Real-time Multi-Messenger Analysis Framework of KM3NeT, **F. Huang**, W. Assal, D. Dornic, E. Le Guirriec, M. Lincetto, G. Vannoye, 37th International Cosmic Ray Conference (ICRC 2021), Berlin, Germany, 12-23 Jul 2021



2020

1. Offline performance studies and first real-time results on CCSN neutrinos searches with the KM3NeT neutrino detectors, M. Colomer Molla, A. Coleiro, D. Dornic, V. Kulikovskiy, M. Lincetto, XXIX International Conference on Neutrino Physics and Astrophysics (Neutrino 2020), Chicago, United States, 22 Jul - 2 Jul 2020
2. Measurement of the atmospheric muon flux between 2.2 and 3.4 km depth undersea with KM3NeT, **M. Lincetto**, S. Biagi, R. Coniglione, J. Hofestädt, V. Kulikovskiy, K. Melis, D. Samtleben, XXIX International Conference on Neutrino Physics and Astrophysics (Neutrino 2020), Chicago, United States, 22 Jul - 2 Jul 2020
3. Realtime Multi-Messenger Program of KM3NeT, F. Huang, D. Dornic, M. Lincetto, XXIX International Conference on Neutrino Physics and Astrophysics (Neutrino 2020), Chicago, United States, 22 Jul - 2 Jul 2020
4. Detection of the atmospheric neutrino flux with the first detection units of KM3NeT/ORCA, **L. Fusco**, J. Hofestädt, D. Stavropoulos, XXIX International Conference on Neutrino Physics and Astrophysics (Neutrino 2020), Chicago, United States, 22 Jul - 2 Jul 2020
5. Search for a neutrino counterpart to the HAWC 2-year gamma-ray catalog with the ANTARES telescope, G. Ferrara, L. Fusco, XXIX International Conference on Neutrino Physics and Astrophysics (Neutrino 2020), Chicago, United States, 22 Jul - 2 Jul 2020
6. Neutrinos from the gamma-ray source eHWC J1825-134, V. Niro, L. Fusco, S. Gabici, A. Neronov, D. Semikov, XXIX International Conference on Neutrino Physics and Astrophysics (Neutrino 2020), Chicago, United States, 22 Jul - 2 Jul 2020
7. Status of the real-time multi-messenger program of KM3NeT, **M. Lincetto**, F. Huang, D. Dornic, J. Schnabel, Astronomical Data Analysis Software and Systems (ADASS 2020), Grenade, Spain, 8-12 Nov 2020
8. The KM3NeT Open Science System, J. Schnabel, T. Gal, Z. Aly, Astronomical Data Analysis Software and Systems (ADASS 2020), Grenade, Spain, 8-12 Nov 2020
9. Status of the real-time multi-messenger program of KM3NeT, **F. Huang**, D. Dornic, M. Lincetto, Cosmic Rays and Neutrinos in the Multi-Messenger Era, Paris, France, 7-11 Dec 2020
10. Timing and pointing to the next core-collapse supernova with neutrinos and the participation of KM3NeT, M. Colomer, A. Coleiro, D. Dornic, V. Kulikovskiy, M. Lincetto, Cosmic Rays and Neutrinos in the Multi-Messenger Era, Paris, France, 7-11 Dec 2020

2019

1. Real-time follow-up of multi-messenger alerts with the ANTARES neutrino telescope, **D. Dornic**, A. Coleiro, M. Colomer Molla, A. Kouchner, T. Pradier, 36th International Cosmic Ray Conference (ICRC 2019), Madison, United States, 24 Jul - 1 Aug 2019
2. Dependence of the atmospheric muon rate on the sea water depth with first KM3NeT data, S. Biagi, R. Coniglione, J. Hofestädt, V. Kulikovskiy, **M. Lincetto**, K. Melis, D. Samtleben, 36th International Cosmic Ray Conference (ICRC 2019), Madison, United States, 24 Jul - 1 Aug 2019
3. Offline performance studies and first real-time results on Core-Collapse Supernova neutrino searches with the KM3NeT neutrino detectors, M. Colomer Molla, A. Coleiro, D. Dornic, V. Kulikovskiy, **M. Lincetto**, 36th International Cosmic Ray Conference (ICRC 2019), Madison, United States, 24 Jul - 1 Aug 2019
4. Sensitivity for astrophysical neutrino searches with KM3NeT- ORCA, G. de Wasseige, A. Kouchner, M. Colomer Molla, D. Dornic, S. Hallmann, 36th International Cosmic Ray Conference (ICRC 2019), Madison, United States, 24 Jul - 1 Aug 2019
5. Search for Sterile Neutrinos with KM3NeT/ORCA and ANTARES, **A. Domi**, J. Coelho, 36th International Cosmic Ray Conference (ICRC 2019), Madison, United States, 24 Jul - 1 Aug 2019

2018

1. Constraining the atmospheric neutrino oscillation parameters and the 3+1 sterile neutrino model with the ANTARES neutrino telescope, **I. Salvadori**, XXVIII International Conference on Neutrino Physics and Astrophysics (Neutrino 2018), Heidelberg, Germany, 04-09 Jun 2018
2. Search for a high-energy neutrino signal from Fast Radio Bursts with the ANTARES telescope, D. Turpin, D. Dornic, A. Coleiro, **M. Lincetto**, XXVIII International Conference on Neutrino Physics and Astrophysics (Neutrino 2018), Heidelberg, Germany, 04-09 Jun 2018
3. Multi-messenger real-time analyses of transient events with the ANTARES neutrino telescope, A. Coleiro, D. Dornic, **J. Brunner**, F. Schüssler, V. Bertin, M. Ageron, B. Vallage, XXVIII International Conference on Neutrino Physics and Astrophysics (Neutrino 2018), Heidelberg, Germany, 04-09 Jun 2018
4. Detection of MeV supernova neutrinos with the KM3NeT neutrino telescope, **M. Lincetto**, M. Colomer Molla, XXVIII International Conference on Neutrino Physics and Astrophysics (Neutrino 2018), Heidelberg, Germany, 04-09 Jun 2018
5. Sensitivity of ORCA to the neutrino mass ordering and oscillation parameters, S. Bourret, L. Quinn, XXVIII International Conference on Neutrino Physics and Astrophysics (Neutrino 2018), Heidelberg, Germany, 04-09 Jun 2018
6. The physics potential of a neutrino beam from Protvino to ORCA, **J. Brunner**, D. Zaborov, XXVIII International Conference on Neutrino Physics and Astrophysics (Neutrino 2018), Heidelberg, Germany, 04-09 Jun 2018

2017

1. Monitoring of the ANTARES optical module efficiencies using K40 decays in sea water, **I. Salvadori**, V. Kulikovskiy, 35th International Cosmic Ray Conference (ICRC2017), Busan, South Korea, 12 Jul - 20 Jul 2017
2. Sensitivity of the ANTARES neutrino telescope to atmospheric neutrino oscillation parameters, **I. Salvadori**, 35th International Cosmic Ray Conference (ICRC2017), Busan, South Korea, 12 Jul - 20 Jul 2017
3. Multi-messenger real-time analyses of transient events with the ANTARES neutrino telescope, **D. Dornic**, A. Coleiro, 35th International Cosmic Ray Conference (ICRC2017), Busan, South Korea, 12 Jul - 20 Jul 2017
4. Time-dependant search of neutrino emission from bright gamma-ray flaring blazars using eight years of data of the ANTARES telescope, A. Sanchez-Losa, D. Dornic, 35th International Cosmic Ray Conference (ICRC2017), Busan, South Korea, 12 Jul - 20 Jul 2017
5. Detailed KM3NeT optical module simulation with Geant4 and supernova neutrino detection study, M. Colomer, **D. Dornic**, V. Kulikovskiy, 35th International Cosmic Ray Conference (ICRC2017), Busan, South Korea, 12 Jul - 20 Jul 2017

2016

1. Optimized synergy between space and ground instruments in the SVOM mission, **D. Dornic**, 8th Huntsville Gamma Ray Burst symposium, Huntsville, United States, 24-28 Oct 2016

## rapport

2017

1. Data/MC comparison study with different water models, I. Salvadori, ANTARES-SITE-2017-001

2016

1. Technical Design Report of the MEUST Power System, M. Ageron, L. Caillat, P. Lamare, S. Théraube, C. Vallée, ATRIUM-75575
2. K40 Calibration, I. Salvadori, ANTARES- CALI-2016-001

2013

1. Evaluation and Selection of the MEUST Submarine Site, V. Bertin, M. Billault, P. Coyle, C. Curtil, S. Deguero, J.-J. Destelle, D. Dornic, F. Gallo, S. Henry, P. Keller, P. Lamare, D. Lefèvre, F. Léon, S. Martini, C. Tamburini, C. Vallée, EDMS I-033723

2. Pre-Deployment Characterization of the KM3NeT PPM-DOM at CPPM, K. Yatkin, D. Dornic, S. Henry, B. Vallage, C. Vallée, EDMS I-033874
3. Ultra High Energy muon neutrino diffuse flux analysis, L. Core, ANTARES-PHYS-2013-011
4. Identification of sparking runs and OMs, L. Core, ANTARES-CALI-2013-001
5. Technical Design Report of the MEUST Infrastructure, M. Ageron, V. Bertin, S. Beurthey, M. Billault, J. Brunner, L. Caillat, A. Cosquer, P. Coyle, J.-J. Destelle, D. Dornic, C. Gojak, S. Henry, P. Keller, P. Lamare, D. Lefèvre, J. Royon, M. Solazzo, C. Tamburini, D. Tézier, S. Théraube, C. Vallée, EDMS I-035489

2012

1. Run-by-run Monte Carlo simulation for ANTARES: v2, C. Rivière, ANTARES-PHYS-2012-001
2. Effective High Thresholds Measure, L. Core, ANTARES-PHYS-2012-002

2011

1. Neutrino Oscillation Analysis with BBfit Using Antares Data from 2007 to 2010, J. Brunner, ANTARES-PHYS-2011-011
2. Indirect Search for Dark Matter Inside the Sun with the ANTARES 2007-2008 Data, Z. Charif, V. Bertin, P. Gay, ANTARES-PHYS-2011-013
3. Effect of the Shape on the Full Detector Angular Resolution, M. Vecchi, ANTARES-PHYS-2011-009
4. Time Dependent Search of Neutrino Emission From Galactic Microquasars with 2007-2010 Data, S. Galatà, ANTARES- PHYS-2011-019
5. Run-By-Run Monte Carlo and Data Quality, M. Gault, C. Rivière, M. Vecchi, ANTARES- PHYS-2011-016

2010

1. The BBfit Reconstruction with Full Detector Geometry in Seatray, S. Galatà, ANTARES-SOFT-2010-005
2. Search for Neutrino Point Sources in the 2007 ANTARES Data Using BBfit, G. Halladjian, P. Coyle, ANTARES-PHYS-2010-002
3. Technical Design of the Surface Array for ANTARES, J.P. Ernenwein, ANTARES-CALI-2010-002
4. Neutrino Detection from Supernova Explosion with the ANTARES Telescope, V. Kulikovskiv, M. Anghinolfi, H. Costantini, M. Taiuti, ANTARES-PHYS-2010-013

2022

1. Moon and Sun shadow with ORCA6, L. Cerisy *et al.*, KM3NeT Collaboration, KM3NeT<sub>C</sub>ALIB<sub>2</sub>022<sub>0</sub>01 2018
1. Observation of atmospheric neutrinos with ORCA DU-2, D. Zaborov *et al.*, KM3NeT Collaboration, KM3NeT<sub>O</sub>RC<sub>A</sub>2018<sub>0</sub>01

## mémoire

2023

1. Mesure de la hiérarchie de masse des neutrinos avec le détecteur KM3NeT/ORCA, Z. Aly, Aix-Marseille Université, 06 Oct 2023
2. Experimental proof of principle of the Neutrino Tagging at NA62, B. De Martino, Aix-Marseille Université, 10 Nov 2023
3. Recherche d'émission gamma de très haute énergie et de neutrinos venant de microquasars avec HESS et ANTARES / KM3NeT, S. Le Stum, Aix-Marseille Université, 15 Dec 2023

2022

1. Acoustic positioning systems and passive acoustic monitoring of cetaceans with the KM3NeT underwater neutrino telescope, C. Guidi, Université de Genoa, Aix-Marseille Université, 25 Jan 2022

2021

1. Optimisation de la reconstruction gamma de l'expérience SuperNEMO en vue de l'étude du bruit de fond. Développement d'un détecteur sphérique proportionnel pour l'étude du radon dans l'expérience SuperNEMO, H. Tedjditi, Aix-Marseille Université, 13 Jan 2021

2020

1. Development of multi-messenger real-time analyses for the KM3NeT neutrino telescope, M. Lincetto, Aix-Marseille Université, 01 Dec 2020
2. Neutrinos and co. - Multi-messenger analyses with neutrinos, D. Dornic, Aix-Marseille Université, 14 Dec 2020

2019

1. From cosmological simulations to Dark Mater detection, A. Nuñez-Castiñeyra, Aix-Marseille Université, 12 Dec 2019
2. Shower reconstruction and sterile neutrino analysis with KM3NeT/ORCA and ANTARES, A. Domi, Aix-Marseille Université, Université de Gênes, 16 Dec 2019

2018

1. Study of atmospheric neutrino oscillations with the ANTARES neutrino telescope, I. Salvadori, Aix-Marseille Université, 09 Oct 2018
2. Determining the Neutrino Mass Hierarchy with KM3NeT/ORCA, L. Quinn, Aix-Marseille Université, 09 Nov 2018

2016

1. Etudes des objets transitoires à haute énergie dans l'Univers dans l'ère de l'observation multi-messager, D. Turpin, Université Paul Sabatier, Toulouse, 07 Dec 2016

2015

1. Search for high energy cosmic muon neutrinos from variable gamma-ray sources and time calibration of the optical modules of the ANTARES telescope, A. Sanchez Losa, Universitat de Valencia, Espagne, 25 Sep 2015
2. Multi-wavelength follow-up of ANTARES neutrino alerts, A. Mathieu, Aix Marseille Université, 01 Oct 2015

2013

1. Search for a Ultra High Energy Neutrino diffuse flux with the ANTARES telescope, L. Core, Aix Marseille Université, 03 Oct 2013

2012

1. A time dependent search for neutrino emission from microquasars with the ANTARES telescope, S. Galata, PhD, 05 Apr 2012
2. A time dependent search for neutrino emission from microquasars with the ANTARES telescope, S. Galata, Aix Marseille Université, 05 Apr 2012
3. Indirect Search for Dark Matter with the ANTARES Telescope, M.-Z. Charif, PhD, 27 Sep 2012
4. Indirect Search for Dark Matter with the ANTARES Telescope, M. Z. Charif, Aix Marseille Université, 27 Sep 2012
5. ANTARES: un observatoire du fond de la mer aux confins de l'Univers, S. Escoffier, Aix-Marseille Université, 06 Jui 2012

2011

1. Search for neutrinos from transient sources with the ANTARES neutrino telescope and optical follow-up observations - Development of hemispheric hybrid photomultipliers for astroparticle experiments, I. Al Samarai, PhD, 06 Dec 2011
2. Search for transient sources with the ANTARES neutrino telescope and optical follow-up, I. Al Samarai, Université de la Méditerranée - Aix-Marseille II, 06 Dec 2011

2010

1. Recherche de monopôles magnétiques avec le télescope à neutrinos ANTARES, N. Picot-Clémente, PhD, 07 Oct 2010
2. Recherche de monopoles magnétiques avec le télescope à neutrinos ANTARES, N. Picot-Clemente, Université de la Méditerranée - Aix-Marseille II, 07 Oct 2010
3. Search for high energy cosmic neutrino point sources with ANTARES, G. Halladjian, PhD, 09 Dec 2010
4. Recherche de neutrinos cosmiques de haute-énergie émis par des sources ponctuelles avec ANTARES, G. Halladjian, Université de la Méditerranée - Aix-Marseille II, 09 Dec 2010