

# PUBLICATIONS ASTRONOMIE NEUTRINO – 06 DEC 2023

## article

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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. Lerouillois, 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. Speziale, 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

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

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. Lerouvillos, 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 Jul 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. Ilioni, 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



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