

Table with titles/speakers of plenary talks included

			Tuesday					
			Opening, 10' GNN Diss Prize & Talk 15' <u>Physics Results IceCube/Antares</u> Overview IceCube Physics Results Ignacio Taboada 20+3 TXS (1) Anna Franckowiak 15+3 TXS (2) Chad Finley 15+3 Overview Antares Physics Results Antoine Kouchner 25+3	110 minutes				
			<u>Phenomenology HE neutrinos</u> Phenomenology of blazars and neutrinos and the 0922 event Anatoly Fedynitch 25+5 Candidates for Galactic HE neutrino sources Michael Kachelriess 25+5 Gravitational Waves and neutrinos Imre Bartos 25+5	90 minutes				
Exotics	5 talks	100'	HE 1	5 talks	100'	Detector 1	5 talks	100'
Oscillations	6 talks	120'	HE 2	5 talks	100'	Detector 2	5 talks	100'
			Wednesday					
			Gamma ray & UHECR results Dubna program overview Dmitry Naumov Results HE Gamma Rays Elisa Püsichel Results Fermi/X-rays Sara Buson UHECR results Maxim Phsirkov	Naumov 20 minutes All others 25+5 minutes → 110 minutes				
			Status/Plans KM3, GVD, IceCube Status GVD Vladimir Aynutdinov Status ARCA/ORCA Paschal Coyle Physics ORCA-Protvino Jürgen Brunner Beam ORCA-Protvino Sergey Ivanov	20+5 20+5 20+5 total: 105 minutes 25+5				
Environment	6 talks	120'	HE 3	5 talks	100'	Detector 3	6 talks	120'
Computing 1	5 talks	100'	Multimessenger 1	6 talks	110'	Detector 4	6 talks	100'
			Thursday					
Computing 2	4 talks	100'	Multi-Messenger 2	5 talks	100'	Free slot		
			Summary talks and closeout Status IC-Upgrade/Gen2 M. Kowalski 20 Summary 1 N.N. Summary 2 N.N. Summary Particle Physics with NTs Jannik Hofestädt 15 Round Table and Closeout Uli Katz 10	80- 90 minutes				

Parallel sessions

Tuesday session 1-3

<u>Exotics</u>	5 talks		120
1. Investigation of ν properties with the ν GEN spectrometer		Andrey Lubashevskiy	15+5
2. Direct Dark Matter searches: overview		Evgeny Yakushev	20+5
3. Indirect dark matter searches		Juanan Aguilar	20+5
4. Combined dark matter Antares/IceCube		Rebecca Gozzini	12+3
5. Monopole searches: overview		Christian Spiering	12+3
6. Exotic particle search with SHIP (CERN)		speaker from JINR	15+5

<u>High Energy 1</u>	5 talks		100
1. Antares TXS results		Giulia Illuminati	15+5
2. Dissection of the area around IceCube-170922A		Theo Glauch	15+5
3. Blazar flare analysis using light curves IceCube		Christoph Raab	15+5
4. HESE results IceCube		Juliana Stachurska	15+5
5. HESE with ARCA		Kostas Pikounis	15+5

<u>Detector 1</u>	5 talks		100
1. Technology transfer		Kostas Pikounis	15+5
2. GVD optical module and other mechanics: experience and progress		Alexander Doroshenko	15+5
3. Test of 3.5'' PMTs from Hama & HZC		Lew Classen	15+5
4. MELTS program for PMTs		MELTS speaker	15+5
5. Talk on the GVD cable		Company speaker	15+5

Tuesday session 4-6

<u>Oscillations</u>	6 talks		120
1. NMO: Status and JUNO plans		Alexander Olshevsky	15+5
2. Particle Physics with ORCA (oscill./steriles/DM)		Alba Domi	15+5
3. Oscillations with IceCube upgrade		Joshua Highnight	15+5
4. Sterile neutrinos: Overview		Dmitri Naumov	15+5
5. Sterile neutrinos: IceCube results		Blake Watson	15+5
6. Sterile neutrinos: Latest results from reactors with focus on DANSS results V. Egorov			15+5

High Energy 2 5 talks 100

1. Tau analysis IceCube Donglian Xu 15+5
2. Neutrino / UHECR correlation analysis Lisa Schumacher 15+5
3. Combined point source Giulia Illuminati 15+5
4. Combined Galactic Plane Christoph Haack 15+5
5. GVD: results of track reconstruction Grigory Safronov 15+5

Detector 2 5 talks 100

1. KM3NeT DOM Ronald Bruijn 15+5
2. The new Central Logic Board for KM3NeT David Calvo 15+5
3. mDOM for IceCube Alexander Kappes 15+5
4. DEgg for IceCube Yuya Makino 15+5
5. WOM status Peter Peiffer 15+5

Wednesday session 7-9

Environment 6 talks 120

1. Earth Tomography Véronique Van Elewyck 15+3
2. Environmental studies in Lake Baikal - basic facts
and perspectives for interdisciplinary research Nikolai Budnev 20+3
3. GVD results Rastilav Dvornitsky 15+3
4. Italian Site Antonino Capone 15+3
5. French site (Albatross, MII) Dominique Lefevre 20+3
6. Environmental studies at Canadian site Elisa Resconi 15+5

High Energy 3 5 talks 100

1. GVD: results of cascade reconstruction **Zhan Djilkibaev** **15+5**
2. Improving the angular reco. of muon tracks in ice **Federica Bradascio** **15+5**
3. Improving directional reconstruction of hadronic cascades **Christian Haack** 15+5
4. Supernova MEV neutrinos with KM3NeT **Marta Colomar** **15+5**
5. Carpet results **Sergei Troitsky** 15+5

Detector 3 6 talks 120

1. Time calibration in KM3NeT Irene Dipalma 15+5
2. Nanobeacon: A time calibration device for KM3NeT David Calvo 15+5
3. Time calibration in GVD Mark Shelepov 15+5
4. Acoustic calibration GVD Alexander Avronin 15+5
5. Compact solid-state pulsed laser for calibration of the GVD data acquisition system
Alexander Shestyako (ELS-94 Company) 15+5
6. White Rabbit etc. from by "sevenolutions" Pablo Marín Jiménez 15+5

Wednesday session 10-12

<u>Computing 1</u>	5 talks		100
1. KM3NeT: software defined networks for DAQ, data transmission and processing	Tommaso Chiarusi		15+5
2. KM3NeT: Readout and triggering	Ronald Brujn		15+5
3. KM3NeT: Acquisition control, automatic , automatic resource provisioning and failover	Cristiano Bozza		15+5
4. Computing in the KM3NeT Research Infrastructure	Uli Katz		15+5
5. ASTERICS	Bernardino Spisso		15+5
<u>Multi-Messenger 1</u>	6 talks		110
1. AMON report	James DeLaunay		15+5
2. Zwicky Transient Facility ZTF	Ludwig Rauch		15+5
3. MASTER Global Robotic Net & Big Physics Experiments	N.N.		20+5
4. Antares results and plans MM	Bruny Baret		12+3
5. IceCube results and plans MM	Anna Franckowiak		12+3
6. GVD results and plans MM	Zhan Djilkibaev		12+3
<u>Detector 4</u>	6 talks		110
1. Test equipment Chiba	Aya Ishihara		15+3
2. NEVOD as test facility for future neutrino telescopes	Anatoly Petrukhin		15+5
3. POCAM in GVD and STRAW in Canada	Felix Henningsen		15+5
4. Data processing and quality monitoring of Baikal-GVD	Evgeny Khramov		15+3
5. Moon shadow in Antares	Tommaso Chiarusi		15+3
6. Positioning calibration in KM3NeT	Kostas Pikounis		15+3

Thursday sessions 13 and 14

<u>Computing 2</u>	4 talks		100
1. KM3NeT: Machine Learning	Chiara De Sio		20+5
2. IceCube: Machine Learning	Mirco Hünnefeld		20+5
3. IceCube: Deconvolution	Tim Ruhe		20+5
4. Big Data Storage:	Alexander Kryukov		20+5
<u>Multi-Messenger 2</u>	5 talks		100
1. Antares & GW	Bruny Baret		15+5
2. TAIGA results and perspectives	Leonid Kuzmichev		15+5
3. LHHASO plans and capabilities	Yurii Stenkin		15+5
4. FACT/C-Ring “around the world”	Tim Ruhe		15+5
5. Radio detection in the multi-messenger context	Dmitry Kostunin		15+5