

Mon 25/2

Furshet 13:00 - 15:00

Registration	13:00 - 17:00
Excursion in old Tbilisi	15:00 - 19:15
Concert of the University folklore ensembles	19:30 - 20:20

Welcome drink 20:30 - 23:00

Tue 26/2

KM3NET + ANTARES general: opening session

Welcome by George Sharvashidze - rector of TSU	09:00 - 09:05
Welcome by Zviad Gabisonia - director of SNRSFG	09:05 - 09:10
Welcome by Mikheil Nioradze - director of HEPI TSU	09:10 - 09:15

Report ANTARES spokesperson <i>Antoine David Kouchner</i>	09:20 - 09:45
Report KM3NeT spokesperson <i>Mauro Taiuti</i>	09:45 - 10:05
ORCA sea campaign <i>D. Dornic, P. Lamare</i>	10:05 - 10:25
Antares + KM3NeT Operations <i>Alexander Enzenhöfer et al.</i>	10:25 - 10:50

Break 10:50 - 11:20

KM3NET + ANTARES general: opening session

report technical coordinator km3net <i>Miles Lindsey Clark</i>	11:20 - 11:40
Outreach <i>Paschal Anthony Coyle</i>	11:40 - 11:55

**KM3NeT Astrophysics:
Multimessenger & Transients**

**KM3NeT Technical: seafloor networks
and QAQC**

Introduction <i>Damien DORNIC</i> 11:55 - 12:10	Status and sea campaigns ORCA
L0/L1 background simulation and online SN search <i>Massimiliano Lincetto</i> 12:10 - 12:30	
Update of SN analysis <i>Marta Colomer</i> 12:30 - 12:50	QA/QC overview <i>Giorgos Androulakis</i>
GeV astrophysical neutrino searches <i>Gwenhael de wasseige</i> 12:50 - 13:05	
Multi-energy astrophysical neutrino searches <i>Gwenhael de wasseige</i> 13:05 - 13:20	
	12:40 - 13:10

Lunch 13:20 - 14:30

**KM3NeT Astrophysics:
Multimessenger**

**KM3NeT Technical: DOM&DU
integration and calibration**

HE ORCA115 simulation <i>Gogita Papalashvili</i> 14:30 - 14:45	DOM integration overview <i>Daniele Vivolo</i>
HE simulation for ORCA7 <i>Mr Nhan Chau</i> 14:45 - 15:00	
Online neutrino searches <i>Giuliano Maggi</i> 15:00 - 15:15	DU integration overview <i>Mrs Irene Sgura</i> 15:00 - 15:20
TXS0506+056 analysis with ARCA <i>Dr Ankur Sharma</i> 15:15 - 15:30	
ANTARES Astrophysics: Multimessenger, point sources, transients, diffuse fluxes	
Overview <i>Dorothea Samtleben et al.</i> 15:30 - 15:40	Calibration overview <i>Giorgio Riccobene</i>
ANTARES Astrophysics: Multimessenger, point sources, transients, diffuse fluxes	
Dark room calibration with cosmics <i>Dorothea Samtleben</i>	16:00 - 16:20

Break 16:20 - 16:45

ANTARES Astrophysics: Multimessenger, point sources, transients, diffuse fluxes

Search for neutrino counterparts of the HAWC point-source sky map <i>Giovanna Ferrara et al.</i>	Likelihood methods for muon calibration in water <i>Daniel Guderian</i>
Stacking analysis <i>Julien Aublin</i> 17:05 - 17:20	ORCA CU and Laser Beacon <i>Alin Ilioni</i> 17:00 - 17:15
	KM3NeT Technical: Electronics (in depth discussions) <i>Diego Real</i> 17:15 - 18:00
KM3NeT institute board: IB 18:30 - 20:30	

Wed 27/2

ANTARES Astrophysics: Multimessenger, point sources, transients, diffuse fluxes

Update on diffuse analyses <i>Luigi Antonio Fusco</i> 09:00 - 09:20
A different look at Antares (GRB) data <i>Maarten De Jong</i> 09:20 - 09:35

Simulations in ANTARES

Status of the MC Working Group <i>Luigi Antonio Fusco</i> 09:35 - 09:45
Status of GENHEN <i>Luigi Antonio Fusco et al.</i> 09:45 - 10:00
Data/MC comparison <i>Luigi Antonio Fusco</i> 10:00 - 10:15

ANTARES: Analysis Tools

Status of ANTARES data processing <i>Alexander Enzenhöfer et al.</i> 10:10 - 10:30
KM3NeT look at Antares (Monte Carlo) data

<i>Maarten De Jong</i>	10:30 - 10:45
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Break 10:45 - 11:10

ANTARES Calibration

ANTARES Calibration – Introduction <i>Marco Circella</i>	11:10 - 11:20
news from K40 analysis <i>Massimiliano Lincetto</i>	11:20 - 12:30
Sun shadow <i>Matteo Sanguineti</i>	11:30 - 11:50

Introduction new member institutes	12:00 - 12:15
GWHEN analysis <i>Marta Colomer</i>	12:10 - 12:25

Lunch 12:30 - 14:00

KM3NeT DU Data Analysis

Introduction <i>Rosa Coniglione</i>	14:00 - 14:10
Public plots from depth dependence analysis <i>Massimiliano Lincetto</i>	14:10 - 14:30
Update of the neutrino search in ARCA2 data (remote) <i>Dr Anna Sinopoulou</i>	14:30 - 14:50
Update ORCA DU-2 analysis (remote) <i>Dmitry Zaborov et al.</i>	14:50 - 15:05
First look at new ORCA-DU1 data (remote) <i>Jannik Hofestädt</i>	15:05 - 14:25
First look at the new ARCA2 data <i>Dr Simone Biagi et al.</i>	15:25 - 15:45

Break 15:55 - 16:25

**ANTARES/KM3NeT : Dark Matter,
Exotics**

Searches for DM from the Galactic Centre <i>Sara Rebecca Gozzini</i> 16:25 - 16:40	KM3NeT Technical: DU integration discussion (experts)
Dark Matter searches towards the Sun with Antares: Update <i>A. Nuñez-Castiñeyra</i> 16:40 - 16:55	
First steps and plans to constrain the azimuth angle in BBFit singleline events <i>Chiara Poirè</i> 16:55 - 17:15	
Nuclearites analysis <i>Yahya Tayalati</i> 17:15 - 17:25	
Magnetic Monopole <i>Jihad Boumaaza</i> 17:25 - 17:40	
First Steps in Sun DM Searches with ORCA <i>Daniel LopezCoto</i> 17:40 - 17:55	
Technique and first results of small-scale 3D temperature sensor m... <i>Hans van Haren</i> 17:55 - 18:05	
<i>Giuliano Pellegrini et al.</i> 16:25 - 18:15	

Collaboration Dinner 20:00 - 23:00

Thu 28/2

DAQ and software

DAQ/Readout overview <i>Tommaso Chiarusi</i> 09:00 - 09:10
The new UDPanalyser tool and recent finding on OOS with ARCA <i>Alba Domi</i> 09:10 - 09:25
Out-of-sync understanding <i>Dr Ronald Bruijn</i> 09:25 - 09:40
Configuring a WRS from remote

<i>Antonio Díaz</i>	09:40 - 09:50
DB and CU Status	
<i>Cristiano Bozza</i>	09:50 - 10:05
Computing&Software - Overview	
<i>Kay Graf</i>	10:05 - 10:20
CI/CD via GitLab; KM3pipe	
<i>Tamas Gal</i>	10:20 - 10:35
AAANet update	
<i>Aart Heijboer</i>	10:35 - 10:45
Jpp - PMT Signal Simulation	
<i>Maarten De Jong</i>	10:45 - 11:00

Break 11:00 - 11:30

DAQ and software

JRunAnalyser	
<i>Rodrigo G. Ruiz</i>	11:30 - 11:40
Jpp - Detector Position and Orientation	
<i>Feifei Huang et al.</i>	11:40 - 11:50
Status of Online Data Analysis	
<i>Giuliano Maggi</i>	11:50 - 12:00

KM3NeT simulations

Simulation introduction	
<i>Vladimir Kulikovskiy et al.</i>	12:00 - 12:15
High energie neutrino generation developments	
<i>Alfonso Andres Garcia Soto et al.</i>	12:15 - 12:35
KM3Sim developments	
<i>Jerzy Manczak</i>	12:35 - 12:50

Lunch 13:00 - 14:30

KM3NeT simulations

CORSIKA news	
<i>Piotr Kalaczynski</i>	14:30 - 14:45
Self-veto studies based on Corsika simulations	

<i>Rafał Wojaczyński</i>	14:45 - 15:00
Light production problems for ORCA HE simulations <i>Luigi Antonio Fusco et al.</i>	15:00 - 15:15

ORCA: Neutrino Oscillations

Introduction ORCA Neutrino Oscillations <i>Jurgen Brunner</i>	15:15 - 15:30
ORCA low energy mass productions <i>Steffen Hallmann</i>	15:30 - 15:45
NMH sensitivity from 20m production with Swim <i>Christine Nielsen</i>	15:45 - 16:00
Sensitivity of ORCA to quantum decoherence effects <i>Thomas Eberl</i>	16:00 - 16:15
P2O - Breaking degeneracies <i>Jannik Hofestädt</i>	16:15 - 16:30

Break **16:30 - 17:00**

ORCA: Neutrino Oscillations

Sterile Neutrinos in ANTARES and ORCA <i>Juergen Brunner</i>	17:00 - 17:20
Shower Reco and Sterile Neutrinos <i>Alba Domi</i>	17:20 - 17:35
Non-Standard Interactions <i>Nafis Rezwan Khan Chowdhury</i>	17:35 - 17:50
Sterile Neutrinos (Remote) <i>Tarak Thakore</i>	17:50 - 17:05

Antares Institute Board - IB	18:30 - 20:00
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Fri 1/3

ORCA

Measuring the atmospheric neutrino oscillation parameters with 7L <i>Nhan Chau</i>	09:00 - 09:45
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Analysis Tools: KM3NeT Astronomy

Introduction <i>Rosa Coniglione</i>	10:00 -10:05
Update on point-like analysis with showers <i>Matteo Sanguineti</i>	10:10 -10:30
Sensitivity of KM3NeT-ARCA for Glashow Resonance detection <i>Jerzy Manczak</i>	10:30 -10:50
KM3NeT and IceCube effective area comparison <i>Gwenhael de wasseige</i>	10:50 -11:10
ARCA expectations for the low latitude Fermi Bubbles <i>Antonio Marinelli</i>	11:10 -11:20

Break 11:20 - 11:45

Analysis Tools: KM3NeT Astronomy

A new statistical approach to identify neutrino sources <i>Karel Melis</i>	11:45 -12:05
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ANTARES Astrophysics: point-source & MM -- overflow of tuesday

HAWC time analysis <i>Mukharbek Organokov</i>	12:05 -11:25
TAToO and online analysis <i>Damien DORNIC</i>	12:25 -11:35
Sub-threshold GW analysis during run o2 <i>Bruny Baret</i>	12:35 -11:55

Ending remarks <i>Aart Heijboer</i>	13:20 -13:25
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Closing party conference 13:35 - 14:25

Excursion in Mtskheta	15:00 - 20:00
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