



5th International Conference on New Frontiers in Physics (ICNFP2016)

6-14 July, 2016, Kolymbari, Crete, Greece

<http://indico.cern.ch/event/icnfp2016>

Program

Wednesday, July 6

08.15 - 08.30 Welcome - 15 min.

Lectures

Convenor Mikhail Itkis

08.30 - 10.00 MISHUSTIN Igor (FIAS, University of Frankfurt) - 55+5 and 25+5 min.
Nuclear fragmentation reactions in basic research and medical applications

10.00 - 10.50 WIPF Andreas (University of Jena) - 45+5 min.
G2 Lattice Gauge Theory at Finite Density and Temperature

10.50 - 11.20 **Coffee** **Convenor Igor Mishustin**

11.20 - 11.55 GONZALEZ-MESTRES Luis (John Naisbitt University) - 30+5 min.
Quantum Mechanics, vacuum, particles, Gödel-Cohen incompleteness and the Universe

11.55 - 12.30 MUNOZ Tapia Ramon (Universitat Autònoma Barcelona) - 30+5 min.
The quantum change point

12.30 - 13.20 ZELEVINSKY Vladimir (MSU) - 45+5 min.
Atomic Nucleus, Quantum Chaos and Fundamental Symmetries

13.20 - 15.00 **Lunch** **Convenor Krzysztof Urbanowski**

15.00 - 16.00 KURIZKI Gershon (Weizmann Institute) - 55+5 min.
Quantum decoherence, entanglement and thermodynamics: what is truly quantum here?

16.00 - 16.30 KURIZKI Gershon (Weizmann Institute) - 25+5 min.
Quantum thermodynamics in quantum optical settings: what is truly quantum here?

16.30 - 17.00 **Coffee**

19.00 - 20.00 Culture event in the OAC Chapel.
Introduction to the history of OAC chapel and meaning of blessing by Katerina Karkala (OAC).

20.00 - 21.00 **Dinner**

20.30 - 21.30 After dinner talk
Talk on the veranda of OAC on "History of Crete" by Emanuela Larentzakis.

Thursday, July 7

- 08.15 - 08.25 Welcome from organizers - 10 min.
08.25 - 08.30 Welcome from the director of OAC - Dr. ZORMPAS Konstantinos - 5 min.
08.30 - 08.45 History of OAC - LARENTZAKIS Emanuela - 15 min.

Plenary talks

Convenor Viatcheslav Mukhanov

- 08.45 - 09.25 REZZOLLA Luciano (University of Frankfurt) - 35+5 min.
Black holes, neutron stars and gravitational waves: exploring Einsteins Universe with super-computers
- 09.25 - 09.55 LEROY Nicolas (IN2P3/CNRS) - 25+5 min
First detection of a black hole merger with gravitational wave
- 09.55 - 10.25 GORBUNOV Dmitry (INP) - 25+5 min.
What could we learn about high energy particle physics from cosmological observations at largest spatial scales?
- 10.25 - 10.55 CARVALHO Alexandra (CERN) - 25+5 min.
Searches for production of Higgs boson pairs and a heavy extended Higgs sector
- 10.55 - 11.15 **Coffee** Convenor Vladimir Zelevinsky
- 11.15 - 11.45 AUTERMANN Christian (RWTH Aachen University) - 25+5 min.
SUSY (ATLAS+CMS)
- 11.45 - 12.15 ITKIS Mikhail (JINR, Dubna) - 25+5 min.
Synthesis of Superheavy Elements
- 12.15 - 12.40 AREF'EVA Irina (Steklov Mathematical Institute) - 20+5 min.
Holographic description of QGP formation in HIC
- 12.40 - 13.10 STEWART Trevor (Rutherford Appleton Laboratory) - 25+5 min.
Overview of neutrino physics: Neutrino oscillation measurements and future prospects
- 13.10 - 13.40 URBANOWSKI Krzysztof (Uni. Zielona Gora) - 25+5 min.
The true quantum face of the exponential decay: Unstable systems in rest and in motion
- 13.40 - 14.55 **Lunch** Convenor Daniel Zwanziger
- 14.55 - 15.25 LIPATOV Lev (Petersburg Nuclear Physics Institute) - 25+5 min.
Vladimir Sudakov and double-logarithmic asymptotics of amplitudes in QED, QCD and gravity
- 15.25 - 16.15 AHARONOV Yakir (Chapman University) - 45+5 min.
On Exciting Quantum Phenomena of Pre- and Post Selected Quantum Systems

Friday, July 8

QCD vacuum: Confinement and chiral symmetry breaking Plenary talks

08.15 Opening

Convenor Nyiri Julia

08.20 - 09.10 ZWANZIGER Daniel (New York University) - 45+5 min.

Gribovs theory of confinement: foundation and present status

09.10 - 09.40 REINHARDT Hugo (Universität Tübingen) - 25+5 min.

Hamiltonian approach to QCD in Coulomb gauge

09.40 - 10.05 PAPAVALASSILOU Joannis (University of Valencia) - 20+5 min.

Mass generation in Yang-Mills theories

10.05 - 10.30 SU Nan (Frankfurt Institute for Advanced Studies) - 20+5 min.

Massless Mode and Positivity Violation in Hot QCD

10.30 - 10.50 **Coffee**

Convenor Hugo Reinhardt

10.50 - 11.15 WEBER Axel (Universidad Michoacana de San Nicolás de Hidalgo) - 20+5 min.

Callan-Symanzik equations for infrared Yang-Mills theory

11.15 - 11.45 PLESSAS Willibald (University of Graz) - 25+5 min.

Relativistic Quark-Model Description of Baryon Spectroscopy and Reactions

11.45 - 12.15 SZCZEPANIAK Adam (Indiana University and Jefferson Lab.) - 25+5 min.

QCD bound states and the XYZ phenomena

12.15 - 12.45 GLOZMAN Leonid (University of Graz) - 25+5 min.

A hidden symmetry of QCD

12.45 - 13.10 GOULIANOS Konstantin (Rockefeller University) - 20+5 min.

Precision renorm Tensor-Pomeron Cross Sections

13.10 - 14.20 **Lunch**

Convenor Eugene Levin

14.20 - 14.45 KOVNER Alexander (Uni. Connecticut) - 20+5 min.

Bose correlations in hadronic wave function

14.45 - 15.10 ZHOU You (Niels Bohr Institute) - 20+5 min.

Overview of recent azimuthal correlation measurements from ALICE

15.10 - 15.40 **Coffee**

15.40 - 17.05 Parallel session - 85 min.

17.05 - 23.30 Excursion to Chania (see Social event program)

20.00 - 21.00 Dinner time and place is free to choose in Chania.
Departure from Chania to OAC hotels will be at 23.00 and 23.30

II Mini workshop The MoEDAL experiment

- 10.50 - 11.15 PINFOLD James (Uni. Alberta) - 20+5 min.
The Search for the Magnetic Monopole and Other Highly Ionizing Particles at the LHC
- 11.15 - 11.40 MAVROMATOS Nikos (University of London) - 20+5 min.
The MoEDAL Experiment at the LHC - the Physics Reach
- 11.40 - 12.00 MITSOU, Vasiliki (IFIC (CSIC-U. Valencia)) - 15+5 min.
The search for supersymmetry at the LHC using the MoEDAL detector

Parallel Sessions

Session 1

Convenor You Zhou

- 15.40 - 16.00 TRIANTAPHYLLOU, George (National Technical University of Athens)
15+5 min. *Detection of mirror-meson decays at CERN*
- 16.00 - 16.20 TROST, Nikolaus (KIT)
15+5 min. *Status and Prospects of the KATRIN Experiment*
- 16.20 - 16.45 WESTER, Thomas (TU Dresden)
20+5 min. *In search of the neutrinoless double beta decay: Phase II of the GERDA experiment*

Session 2**Convenor Willibald Plessas**15.40 - 16.20
15+5 min.STEFANIAK, Maria (Warsaw University of Technology)
*Examination of the heavy ion collisions using EPOS model as a part of BES program*16.00 - 16.20
15+5 min.DAVIS, Nikolaos (Henryk Niewodniczanski Institute of Nuclear Physics)
*Electromagnetic effects in heavy ion collisions - can we hope for a "new femtoscopy"?*16.20 - 16.45
20+5 min.TROJA, Eleonora (University of Maryland and NASA GSFC)
*Gamma-ray transients and fundamental physics***Session 3****Convenor Nikos Mavromatos**15.40 - 16.00
15+5 min.HAMILTON, Jean-Christophe (CNRS)
*QUBIC: the QU Bolometric Interferometer for Cosmology*16.00 - 16.20
15+5 min.CADEDDU, Matteo (Cagliari University and INFN)
*Recoil Directionality Studies in Two-Phase Liquid Argon TPC Detectors*16.20 - 16.40
15+5 min.SOLDI, Dario (Universita e INFN Torino)
*Search for K^+ to π^+ ν ν at NA62*16.40 - 17.00
15+5 min.WODARCZYK, Marta (University of Warsaw)
*Quantum spin correlations in relativistic Moller scattering***Session 4****Convenor Alexander Kovner**15.40 - 16.05
20+5 min.LIU, Ming (Los Alamos National Laboratory)
*Overview of PHENIX Spin Physics Results*16.05 - 16.25
15+5 min.KRISHNAN, Prasanth (IIT MADRAS, CHENNAI)
*CP violation in D meson decays at Belle*16.25 - 16.45
15+5 min.DORDEVIC, Milos (Vinca Institute, University of Belgrade)
 $t\bar{t}H$ production at 13 TeV (CMS)

Session 5**Convenor Joannis Papavassiliou**15.40 - 16.00
15+5 min.STRUBIG, Antonia (Nikhef National institute for subatomic physics)
*The ATLAS Run-2 Trigger Menu: Design, Performance and Operational Aspects*16.00 - 16.20
15+5 min.BONESINI, Maurizio (Universita & INFN, Milano-Bicocca)
*The FAMU experiment at RAL to solve the "proton radius puzzle"*16.20 - 16.40
15+5 min.CIBOROWSKI, Jacek (University of Warsaw)
*Threshold $ep \rightarrow n\nu$ scattering and the electron neutrino mass***Session 6****Convenor Adam Szczepaniak**15.40 - 16.05
20+5 min.KUVSHINOV, Viacheslav (JIPNR-Sosny NAS Belarus)
*Quantum Physics Phenomena of QCD*16.05 - 16.30
15+5 min.LEHAS, Fatiha (Nikhef National institute for subatomic physics)
*Azimuthal angular correlations of D mesons and charged particles in pp collisions at 7 TeV and p -Pb collisions at 5.02 TeV with the ALICE detector at the LHC*16.30 - 16.50
15+5 min.STOICA, Sabin (IFIN-HH Bucharest)
Constraints of beyond standard model parameters from the study of neutrinoless double beta decay

Saturday, July 9

Plenary talks

Convenor Susan Gasscon-Shotkin

08.30 - 09.00 BIINO Cristina (INFN Torino) - 25+5 min.
Selected Recent Results from CMS

09.00 - 09.30 GARELLI Nicoletta (SLAC National Accelerator Laboratory) - 25+5 min.
Performance of the ATLAS detector in Run 2

09.30 - 09.55 PACHAL Katherine (SFU Simon Fraser University) - 20+5 min.
Search for new exotic phenomena at the LHC

09.55 - 10.20 SOLDATOV Evgeny (National Research Nuclear University MEPhI) - 20+5 min.
Precision measurements and searches with single and multiple gauge bosons with the ATLAS detector

10.20 - 10.40 **Coffee** Convenor Valery Khoze

10.40 - 11.10 HADJIDAKIS Cynthia (IPN Orsay and Universite de Paris-Sud 11) - 25+5 min.
Recent results from the ALICE experiment at the LHC

11.10 - 11.40 KOPELIOVICH Boris (UTFSM) - 25+5 min.
Heavy flavor production off nuclei

11.40 - 12.05 WOLSCHIN Georg (Uni. Heidelberg) - 20+5 min.
Bottomia physics at RHIC and LHC

12.05 - 12.30 ZABRODIN Evgeny (University Oslo) - 20+5 min.
Basic features of proton proton interactions and RFT-based Quark Gluon String Model

12.30 - 12.55 KUNNE Fabienne (CEA/IRFU, Centre d'etude de Saclay Gif-sur-Yvette) - 20+5 min.
Recent results on nucleon spin and structure

12.55 - 13.25 BENAKLI Karim (CNRS) - 25+5 min.
Variations on SUSY breaking

13.25 - 14.55 **Lunch** Convenor Jules Gascon

14.55 - 15.20 QUITTNAT Milena (Eidgenoessische Tech. Hochschule Zuerich) - 20+5 min.
Diphoton searches (CMS)

15.20 - 15.45 MALEK Fairouz (LPSC-Grenoble) - 20+5 min.
Search for a high mass diphoton resonance using the ATLAS detector

15.45 - 16.05 **Coffee**

16.10 - 18.05	Parallel session	- 120 min.
19.00 - 20.00	Guided tour of monastery of Goina by Katerina Karkala.	
20.00 - 21.00	Dinner	
21.00 - 22.30	Concert of classical music in OAC	

Parallel Sessions

Session 1

Convenor Karim Benakli

16.10 - 16.35 20+5 min.	BARDEEN, Marjorie (Fermilab) <i>Forging New Non-Traditional Partnerships among Physicists, Teachers and Students</i>
16.35 - 16.55 15+5 min.	KOURKOUMELIS, Christine (National and Kapodistrian University of Athens) <i>Introducing HEP to high-school and university students through ATLAS event</i>
16.55 - 17.20 20+5 min.	NAUMANN, Thomas (Deutsches Elektronen-Synchrotron) <i>Do we live in the Best of all Worlds? - The fine tuning of the constants of Nature</i>
17.20 - 17.40 15+5 min.	SAXENA, Pooja (Deutsches Elektronen-Synchrotron) <i>Higgs decay to fermions (CMS)</i>
17.40 - 18.00 15+5 min.	DEVEAUX, Christina (JLU Giessen) <i>Highlights from HADES Au+Au collisions at 1.23AGeV</i>

Session 2**Convenor Georg Wolschin**

- 16.10 - 16.30
15+5 min. VECHERNIN, Vladimir (St. Petersburg State University)
Nonlinearity of the Forward-Backward Correlation Function in the Model with String Fusion
- 16.30 - 16.50
15+5 min. MILOSEVIC, Jovan (University of Belgrade)
Triangular flow of negative pions emitted in Pb+Au collisions at top SPS energy
- 16.50 - 17.10
15+5 min. ZBROSZCZYK, Hanna (Warsaw University Of Technology)
Proton-proton femtoscopy
- 17.10 - 17.30
15+5 min. BASTIAN, Niels-Uuwe (University of Wroclaw)
Towards a new quark-nuclear matter EoS for applications in astrophysics and heavy-ion collisions
- 17.30 - 17.55
20+5 min. BRAVINA, Larissa (University of Oslo)
Forward-backward multiplicity correlations in proton proton collisions at LHC

Session 3**Convenor Boris Kopeliovich**

- 16.10 - 16.30
15+5 min. MOSCO, Nicola (University of Pavia)
Analytical and Numerical study of the Weyl and Dirac Quantum Walks
- 16.30 - 16.50
15+5 min. TSANG, Peter (Brown University, Physics Department)
Analytic Exact, Finite, Model Renormalization of Non-Perturbative, Gauge-Invariant Realistic QCD applied to hadrons scattering
- 16.50 - 17.10
15+5 min. D'ADDABBO, Antonio (Istituto Nazionale di Fisica Nucleare)
The CUORE and CUORE-0 experiments at LNGS
- 17.10 - 17.30
15+5 min. TIBERIO, Alessio (INFN, Firenze)
Production spectra of zero-degree neutral particles measured by the LHCf experiment
- 17.30 - 17.50
15+5 min. BENATO, Lisa (Universita e INFN, Padova)
Searches for BSM physics in dilepton, multilepton, and lepton+MET final states at CMS

Session 4**Convenor Cristina Biino**

- 16.10 - 16.30
15+5 min. PILO, Federico (INFN)
DarkSide
- 16.30 - 16.50
15+5 min. PACIFICO, Nicola (University of Bergen)
Weighing antimatter: The AEGIS Experiment at the CERN Antiproton Decelerator.
- 16.50 - 17.10
15+5 min. GIRAUD, Pierre-Francois (CEA/IRFU, Centre d'etude de Saclay Gif-sur-Yvette)
Muon reconstruction performance in ATLAS at Run-II
- 17.10 - 17.30
15+5 min. DI CRESCENZO, Antonia (Universita e INFN, Napoli)
NEWS: nuclear emulsion WIMP search
- 17.30 - 17.55
20+5 min. MOLINARIO, Andrea (INFN-LNGS)
The XENON project for dark matter direct detection at LNGS

Session 5**Convenor Nicoletta Garelli**

- 16.10 - 16.30
15+5 min. GRESNIGT, Niels (Xi'an Jiaotong-Liverpool University)
Applications of quantisation deformation and quantum groups to standard model phenomenology
- 16.30 - 16.50
15+5 min. SIRIGNANO, Chiara (Universita e INFN, Padova)
A neutrino interaction with two vertices topology detected by OPERA
- 16.50 - 17.10
15+5 min. KIM, Geon-Bo (Institute for Basic Science)
AMoRE: Search for neutrinoless double beta decay of ^{100}Mo
- 17.10 - 17.30
15+5 min. UHL, Sebastian (Technische Universitaet Muenchen)
Studies of light mesons at COMPASS
- 17.30 - 17.55
20+5 min. PEREPELITSA, Dennis (Brookhaven National Laboratory)
The physics program of sPHENIX: a new jet and upsilon detector at RHIC

Session 6

Convenor Cynthia Hadjidakis

16.35 - 17.00
20+5 min.

AN, Fengpeng (East China University of Science and Technology)
A Measurement of the Absolute Reactor Antineutrino Flux and Spectrum at Daya Bay

17.00 - 17.20
15+5 min.

KIM, Minjung (Inha University)
Beauty production measurements in ALICE

17.20 - 17.40
15+5 min.

CARRINGTON, Margaret (Brandon University)
Beyond leading order nPI calculations

17.40 - 18.00
15+5 min.

POLLMANN, Anna (University of Wuppertal)
Luminescence of water or ice as a new detection method for magnetic monopoles in IceCube

Sunday, July 10

All day Conference excursions

20.00 - 21.00 **Dinner**

21.00 - 21.30 After dinner talk on the veranda of OAC.
on "Nikos Kazantzakis".

Monday, July 11

Astrophysics, Cosmology and Gravity I Plenary talks

Convenor Dmitry Gorbunov

08.30 - 09.00 MISHUSTIN Igor (FIAS, University of Frankfurt) - 25+5 min.
Modeling clusterized nuclear matter under stellar conditions

09.00 - 09.30 SEDRAKIAN Armen (Frankfurt University) - 25+5 min.
Dense quark matter and compact stars

09.30 - 10.00 BEREZHIANI Zurab (Univ. L'Aquila) - 25+5 min.
Getting anti-matter out of dark matter

10.00 - 10.30 MUKHANOV Viatcheslav (University of Munchen) - 25+5 min.
Dark Energy, Dark Matter and Noncommutative Geometry

10.30 - 11.00 **Coffee** **Convenor Armen Sedrakian**

11.00 - 11.25 ANDERSON Brandon (University of Stockholm) - 20+5 min.
Overview of Dark Matter Searches with the LAT

11.25 - 11.50 OVRUT Burt (University of Pennsylvania) - 20+5 min.
A New Supersymmetric Theory of Inflation

11.50 - 12.15 BURDE Georgy (Ben-Gurion University of the Negev) - 20+5 min.
A possible imprint of light-speed anisotropy on the CMB

12.15 - 12.40 MORIKAWA Masahiro (Ochanomizu University) - 20+5 min.
Galaxy formation by the primordial supermassive black holes

12.40 - 13.05 GORBUNOV Dmitry (INP) - 20+5 min.
Initial conditions in chaotic inflation with modified gravity

- 13.05 - 13.30 SPADA Francesca (INFN, Pisa) - 20+5 min.
A new measurement of the cosmic-ray electron spectrum with Fermi-LAT
- 13.30 - 15.00 **Lunch** **Convenor Boris Kopeliovich**
- 15.00 - 15.30 GOTSMAN Erol (Tel Aviv University) - 25+5 min.
CGC/saturation approach for soft interactions at LHC energies
- 15.30 - 16.00 KHOZE Valery (University of Durham) - 25+5 min.
Forward and central exclusive production processes at the LHC
- 16.00 - 16.20 **Coffee**
- 16.20 - 17.50 Parallel session - 90 min.
- 19.30 - 20.30 Poster session
with wine tasting and barbeque outside
- 20.00 - 21.00 **Dinner**
- 21.00 - 22.00 Opera Gala, OAC amphitheater
Kalliopi Petrou (soprano), Alessia Toffanin (piano). (Formal dressing is suggested)

II Mini workshop

Direct searches for Beyond Standard Model Higgs sector

Section 1 - The SM Higgs sector and light Higgs bosons

08.20 - 08.30	GOUZEVITCH Maxime, CALVALHO Alexandra	10 min.
	<i>Presentation of the workshop</i>	
08.30 - 09.00	STAMOU Emmanuel (Weizmann Institute)	25+5 min.
	<i>Higgs couplings to fermions: opportunities at the LHC</i>	
09.00 - 09.30	BREHMER Johann (Heidelberg University)	25+5 min.
	<i>Pushing Higgs Effective Theory to its Limits</i>	
09.30 - 10.00	CARMONA Adrian (CERN)	25+5 min.
	<i>Shedding some light on the diphoton excess</i>	
10.00 - 10.30	HALLADJIAN Garabed (Michigan State University, US)	25+5 min.
	<i>Search for new resonances with mass between 500 GeV and 1 TeV with final states other than two photons (ATLAS+CMS)</i>	
10.30 - 11.00	Coffee	

Section 2 - HH @ LHC

11.00 - 11.30	GROEBER Ramona (INFN Sezione di Roma Tre)	- 25+5 min.
	<i>Pair production of beyond the Standard Model Higgs bosons</i>	
11.30 - 12.00	SUN Xiaohu (SFU Simon Fraser University, CA)	- 25+5 min.
	<i>Searches for HH production by the ATLAS collaboration</i>	
12.00 - 12.30	POZDNYAKOV Andrey (National Central University, TW)	- 25+5 min.
	<i>Searches for HH production by the CMS collaboration</i>	
12.30 - 13.00	SNYDER Scott (Brookhaven National Laboratory,US)	- 25+5 min.
	<i>Searches for Heavy A, H, H⁺⁺ by the ATLAS and CMS collaborations and interpretation</i>	
13.30 - 15.00	Lunch	

Parallel Sessions

Session 1

Convenor Igor Mishustin

16.20 - 16.40

CONNELLY, Ian Allan (Royal Holloway, University of London)

15+5 min.

Performance and calibration of b-tagging with the ATLAS experiment at LHC Run-2

16.40 - 17.05

DASKALAKIS, Georgios (Nat. Cent. for Sci. Res. Demokritos)

20+5 min.

Top Physics (CMS)

17.05 - 17.30

MAZINI, Rachid (Academia Sinica)

20+5 min.

Search for non-standard and rare decays of the Higgs boson with the ATLAS detector

17.30 - 17.50

CATÀ, Oscar (LMU Munich)

15+5 min.

Higgs couplings: upgrading the kappa formalism with EFT

Session 2

Convenor Zurab Berezhiani

16.20 - 16.40

RONFLETTE, Lucile (Laboratoire Subatech)

15+5 min.

Neutral mesons and direct photon measurements with the ALICE experiment

16.40 - 17.00

KOTOV, Andrey (ITEP)

15+5 min.

Temperature dependence of shear viscosity in $SU(3)$ -gluodynamics

17.00 - 17.20

LIDRYCH, Jindich (Czech Technical University in Prague)

15+5 min.

Femtoscopia with unlike-sign kaons at the STAR experiment

17.20 - 17.40

SAGUN, Violetta (Bogolyubov Institute for Theoretical Physics)

15+5 min.

Nuclear and hadron matter equation of state within the induced surface tension coefficient

17.40 - 18.00

LUSZCZAK, Agnieszka (DESY/Cracow University of Technology)

15+5 min.

Dipole model analysis of the newest HERA data in low x region

18.00 - 18.20

IVANYTSKYI, Oleksii (Bogolyubov Institute for Theoretical Physics)

15+5 min.

Properties of the Polyakov loop geometrical clusters and deconfinement transition in $SU(2)$ gluodynamics

Session 3**Convenor Viatcheslav Mukhanov**

- 16.20 - 16.40 NIGMATKULOV, Grigory (National Research Nuclear University MEPhI)
15+5 min. *Kaon femtoscopic measurements from 200 GeV p+p and Au+Au collisions at STAR*
- 16.40 - 17.00 SARSOUR, Murad (Georgia State University)
15+5 min. *Phi Production at Forward Rapidity with the PHENIX Detector at RHIC*
- 17.00 - 17.20 MANZONI, Riccardo (Universita & INFN, Milano-Bicocca)
15+5 min. *Overview talk on trigger performances in run II (CMS)*
- 17.20 - 17.40 SANTANASTASIO, Francesco (Universita e INFN, Roma I)
15+5 min. *Searches for BSM physics in final states with jets and leptons+jets at CMS*
- 17.40 - 18.00 PERSSON, Tobias (CERN)
15+5 min. *Status and plans of the Compact Linear Collider project*
- 18.00 - 18.20 VARANINI, Filippo (University e INFN, Padova)
15+5 min. *ICARUS detector - present and future*

Session 4**Convenor Burt Ovrut**

- 16.20 - 16.40 MAROUDAS, Marios (University of Patras)
15+5 min. *Signals for invisible matter from solar - terrestrial observations*
- 16.40 - 17.05 BORRELLO, Laura (INFN Pisa)
20+5 min. *Overview talk on detector performances in run II (CMS)*
- 17.05 - 17.25 DUTTA CHOUDHURY, Ishita (S N Bose National Centre for Basic Sciences)
15+5 min. *Spin gauge interactions as topological mechanism of superconductivity*
- 17.25 - 17.45 ARIGA, Akitaka (AEC-LHEP, University of Bern)
15+5 min. *Tau-neutrino production study at CERN SPS: Novel approach by the DsTau experiment*
- 17.45 - 18.05 HUMANIC, Thomas (Ohio State University)
15+5 min. *$K_0sK\pm$ femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV from the LHC ALICE experiment*

Session 5**Convenor Georgy Burde**

- 16.20 - 16.45
20+5 min. FIORENDI, Sara (Universita & INFN, Milano-Bicocca)
B Physics and Quarkonia (CMS)
- 16.45 - 17.10
20+5 min. ATLAY, Bora (Universitaet Siegen)
Top quark production measurements using the ATLAS detector at the LHC
- 17.30 - 17.55
20+5 min. CHENG, Tongguang (Chinese Academy of Sciences)
Higgs couplings (CMS)
- 17.55 - 18.15
15+5 min. ILISIE, Victor (Istituto de Fisica Corpuscular)
New Barr-Zee contributions to muon (g_2) from two-Higgs-doublets

Session 6**Convenor Masahiro Morikawa**

- 16.20 - 16.40
15+5 min. SUNAR CERCI, Deniz (Adiyaman University)
Forward Physics with the CMS Experiment
- 16.40 - 17.05
20+5 min. CERCI, Salim (Adiyaman University)
QCD Physics with the CMS Experiment
- 17.05 - 17.30
20+5 min. LOMNITZ, Michael (Kent State University)
Review on Heavy flavor in STAR
- 17.30 - 17.50
15+5 min. COSTANZA, Susanna (Universita e INFN, Pavia)
Recent results on doubly-polarised pion photoproduction and the GDH sum rule on the nucleon at MAMI
- 17.50 - 18.10
15+5 min. SPEAKER NOT CONFIRMED, (NO INST)
TBA

Posters

1. ABDOLMALEKI, Hamed
Global Analysis of Parton Distribution Functions with Intrinsic Charm
2. BARBOSA DOS SANTOS, Thiago
Light geodesics near a decaying black hole
3. BASALAEV, Artem
Search for WIMP dark matter produced in association with a Z boson with the ATLAS detector
4. DI LUZIO, Luca
A cosmologically safe KSVZ axion
5. GADIROVA, Uker
Investigation of the atmosphere of HD164136 (F2II)
6. GHAFFARI-TURAN, Azam
Next-to-Next-to-leading order QCD analysis of non-singlet structure functions
7. GILLARD, Adam
On the emergence of q-AdS physics and applications of q-deformations to neutrino oscillations
8. GONZALEZ-MESTRES, Luis
The present status of Cosmology and new approaches to particles and Cosmos
9. GONZALEZ-MESTRES, Luis
Value of H, spinorial space-time and Universe's expansion
10. HOELCK, Johannes, NENDZIG, Felix, WOLSCHIN, Georg
Magnetic field effects in ν dissociation
11. JAIN, Poonam
Systematic study of the anomalous feature of actinide region
12. KATRAMATOU, Mina
Measurement of the neutron to proton inelastic structure function ratio, and of the down to up quark distribution ratio in the nucleon
13. KUMAR, Yogesh
Production of electromagnetic radiation in relativistic heavy ion collisions
14. MEGIAS, Eugenio
Anomalous transport and Weyl semi-metals

15. MINKOWSKI, Peter
Overview on oscillatory modes of u, d, s qqq valence quark modes in bayons
16. PAL, Kausik
Transition temperature of QCD phase diagram in presence of external magnetic field
17. SALIMI-AMIRI, Maryam
New parameterization for polarized parton densities with uncertainties
18. SAMEDOV, Zahir
Investigation of the Atmosphere of HD 164136
19. SAMPSONIDOU, Despoina
Precise determination of the muon reconstruction efficiency in ATLAS at Run-II
20. SULEIMAN, Ramzi
A relativistic model of matter-wave duality explains the results of the double-slit experiment
21. UKA, Arban
The Wheeler-Dewitt Equation and the Search for new Physics at the Planck Scales
22. VASILEIADIS, Georgios
The GlueX Experiment at Jlab: Overview and Preliminary Results
23. VECHERNIN, Vladimir
Correlation between heavy flavour production and multiplicity in string fusion approach
24. XU, Feng
Brillouin scattering enhancement by the opto-acoustic excitation of a single nanoparticle
25. ZAHEDI, Ramin
On the Logical Origin of the Laws Governing the Fundamental Forces of Nature: A New Axiomatic Algebraic (Matrix) Approach
26. ZHOU, You
A drop of QGP produced in small collision system?

Tuesday, July 12

Guido Altarelli Memorial session Plenary talks

08.15	Opening.		Convenor
08.30 - 09.00	PARISI Giorgio (Università of Roma La Sapienza) <i>Historical and personal recollections of Guido</i>	- 25+5 min.	
09.00 - 09.30	PEPE-ALTARELLI Monica (CERN) <i>Recent Highlights from LHCb</i>	- 25+5 min.	
09.30 - 10.00	GIUDICE Gian (CERN) <i>Lessons for particle physics from gravitational waves</i>	- 25+5 min.	
10.00 - 10.30	SALAM Gavin (CERN) <i>Proton structure: the last light parton.</i>	- 25+5 min.	
10.30 - 11.00	Coffee		Convenor
11.00 - 11.30	LEVIN Eugene (University of Tel Aviv/UTFSM) <i>CGC: b-dependent model in NLO</i>	- 25+5 min.	
11.30 - 12.00	FADIN Victor (Budker Institute of Nuclear Physics and Novosibirsk State University) <i>Peculiarities of the BFKL approach</i>	- 25+5 min.	
12.00 - 12.25	JALILIAN-MARIAN Jamal (Baruch College) <i>QCD evolution equations at small x: pomerons, odderons and more</i>	- 20+5 min.	
12.25 - 12.50	CHETYRKIN Konstantin (Karlsruhe Institute of Technology) <i>Multiloop Running in QCD and beyond</i>	- 20+5 min.	
12.50 - 13.00	MINKOWSKI Peter (AEC-ITP University of Bern) <i>Short reminiscences of encounters with Guido Altarelli</i>	- 10 min.	
13.00 - 13.30	LIPATOV Lev (Petersburg Nuclear Physics Institute) <i>Effective actions for the high energy scattering in QCD and gravity</i>	- 20+5 min.	
13.30 - 14.50	Lunch		Convenor
14.50 - 15.20	ANTONIADIS Ignatios (LP THE Paris and AEC Bern) <i>Aspects of string phenomenology</i>	- 25+5 min.	
15.20 - 15.45	KALOPER Nemanja (UC Davis) <i>Local Theory of Vacuum Energy Sequester</i>	- 20+5 min.	
15.45 - 16.05	Coffee		

- 16.05 - 16.30 TURKOT Oleksii (DESY) - 20+5 min.
Electroweak and new physics fits to HERA deep inelastic scattering
- 16.30 - 16.55 STANCO Luca (Universita e INFN) - 20+5 min.
Recent measurements of QCD and the hadronic final state at HERA
- 17.00 Leave to Technical University of CHANIA with buses
- 18.00 - 19.00 Public talk
"Gravitational Waves, Cosmic Primordial Radiation and the Origin of the Universe" by Prof. Vyacheslav Mukhanov. Followed byt visit to the Venizelos Heights (19.00-19.30)
- 20.00 - 23.00 Conference dinner

Wednesday, July 13

I Plenary talks

Convenor Luca Stanco

08.30 - 09.00 LICATA Ignazio (ISEM, Palermo) - 25+5 min.
Particle Physics from Quantum Jumps

09.00 - 09.25 LONGHIN Andrea (Istituto Nazionale Fisica Nucleare Padova) - 20+5 min.
Recent results from the T2K experiment

09.25 - 09.50 DI CRESCENZO Antonia (Universita e INFN, Napoli (IT)) - 20+5 min.
Results from the OPERA experiment in the CNGS beam

09.50 - 10.15 DONGMEI Xia (Chongqing University) - 20+5 min.
The Daya Bay oscillation analysis results

10.15 - 10.45 MINKOWSKI Peter (AEC-ITP University of Bern) - 25+5 min.
Cornerstones of neutrino physics today: field variables, mass eigenstates, minimal light and heavy ν - $\bar{\nu}$ flavors

10.45 - 11.10 **Coffee** Convenor Armen Sedrakian

11.10 - 11.40 PETRATOS Gerassimos (Kent State University) - 25+5 min.
Thirty years of Elastic Electron Scattering from the Few-Body Nuclei - Personal Journey

11.40- 12.05 SOLODOV Evgeny (Novosibirsk State University and BudkerINP) - 20+5 min.
Low-energy hadronic cross sections measurements, and implication for the $g-2$ of the muon

12.05 - 12.30 PETRAKOU Eleni (IBS) - 20+5 min.
Haloscope searches for DM axions in CAPP

12.30 - 12.55 SHEVCHENKO Vladimir (National Research Centre Kurchatov Institute) - 20+5 min.
SHiP: a new facility with a dedicated detector to search for new long-lived neutral particles and studying tau neutrino properties

12.55 - 13.20 DORDEI Francesca (Cagliari University and INFN) - 20+5 min.
LHCb Detector and trigger performance in Run II

13.20 - 14.40 **Lunch** Convenor Alexandra Carvalho

14.40 - 15.05 BIANCHI Riccardo Maria (University of Pittsburgh) - 20+5 min.
SUSY searches with the ATLAS detector

15.05 - 15.35 CHECCHIA Paolo (Universita e INFN) - 25+5 min.
BEH Boson (CMS)

15.35 - 15.55 **Coffee** 20 min

- 15.55 - 16.20 CIBOROWSKI Jacek (University of Warsaw) - 20+5 min.
A project to measure quantum spin correlations of relativistic electron pairs in Miller scattering
- 16.20 - 16.45 BISIO Alessandro (Università di Pavia) - 20+5 min.
Quantum Walks and Deformed Special Relativity
- 16.45 - 18.35 Parallel session - 110 min.
- 20.00 - 21.00 **Dinner**

II Mini workshop Physics at FAIR-NICA-SPS-RHIC

- 08.30 - 09.00 FRIESE Volker (GSI - Helmholtzzentrum für Schwerionenforschung GmbH) - 25+5 min.
Strangeness from SPS to FAIR - searching for the onset of deconfinement
- 09.00 - 09.30 DEVEAUX Michael (Johann-Wolfgang-Goethe Univ.) - 25+5 min.
Charm measurements below top SPS energy
- 09.30 - 10.00 NAKAGAWA Itaru (RIKEN) - 25+5 min.
The First Asymmetry Measurements in High-Energy Polarized Proton-Nucleus Collision at PHENIX-RHIC
- 10.00 - 10.30 SORIN Alexander (JINR) - 25+5 min.
Heavy ion experiments at NICA JINR
- 10.35 - 11.00 **Coffee**
- 11.00 - 11.30 BOTVINA Alexander (FIAS, Goethe University of Frankfurt am Main) - 25+5 min.
Formation of hypernuclei in relativistic ion collisions
- 11.30 - 12.00 TARANENKO Arkadiy (National Research Nuclear University MEPhI) - 25+5 min.
Results from the RHIC Beam Energy Scan
- 12.00 - 12.30 VAN HECKE Hubert (Los Alamos National Laboratory) - 25+5 min.
Highlights from PHENIX
- 12.30 - 13.00 CHALOUPKA Petr (Czech Technical University in Prague) - 25+5 min.
Highlights from the heavy-ion program in STAR
- 13.00 - 14.15 **Lunch**
- 14.15 - 14.45 BALA Renu (University of Jammu) - 25+5 min.
Open charm production measurements in pp, p-Pb and Pb-Pb collisions with the ALICE detector at the LHC

14.45 - 15.15	NOUICER Rachid (BNL) <i>Open Heavy Flavor and Quarkonia Results at RHIC</i>	- 25+5 min.
15.15 - 15.35	Coffee	
15.35 - 16.00	BRAGUTA Victor (ITEP) <i>Study of the phase diagram of dense two-color QCD within lattice simulation</i>	- 20+5 min.
16.00 - 16.25	MORA ESPI Maria Carmen (Uni. Mainz) <i>Nucleon structure observables with PANDA</i>	- 20+5 min.
20.00 - 21.00	Dinner	

Parallel Sessions

Session 1 Convenor Andrea Longhin

16.45 - 17.05 15+5 min.	CHACHAMIS, Grigorios (IFT UAM-CSIC, Madrid) <i>A new BFKL probe: inclusive three jet production at the LHC</i>
17.05 - 17.25 15+5 min.	POSIADALA-ZEZULA, Magdalena Zofia (University of Warsaw) <i>Recent NA61/SHINE measurements performed for the T2K</i>
17.25 - 17.45 15+5 min.	DI LUZIO, Luca (University of Genoa) <i>Perturbative unitarity and the LHC di-photon excess</i>

Session 2 Convenor Peter Minkowski

16.35 - 16.55 15+5 min.	STANKYAVICHYUS, Anatoly Vitold (Stony Brook University) <i>Fractional Parentage Coefficients within the Method of Hyperspherical Functions and its applications in many-body problems.</i>
16.55 - 17.15 15+5 min.	GULITSKIY, Nikolay (Saint Petersburg State University) <i>Renormalization group analysis of a turbulent compressible fluid near $d=4$: Crossover between local and non-local scaling regimes</i>
17.15 - 17.35 15+5 min.	PULAWSKI, Szymon Mateusz (University of Silesia) <i>Recent result from NA61/SHINE strong interactions program</i>

Session 3**Convenor Riccardo Maria Bianchi**16.35 - 16.55
15+5 min.GUIOT, Benjamin (utfsm)
*Space-time development of in-medium hadronization : scenario for leading hadron*16.55 - 17.15
15+5 min.ALANNE, Tommi (CP3-Origins)
*Vacuum Alignment and Radiatively Induced Fermi Scale*17.15 - 17.40
20+5 min.BEACHAM, James (Ohio State University)
*Dark matter searches and combined interpretations at the ATLAS experiment***Session 4****Convenor Evgeny Solodov**16.35 - 17.00
20+5 min.STANECKA, Ewa (Polish Academy of Sciences)
*Recent results on soft QCD topics, and jet, V+jet and photon production from ATLAS*17.00 - 17.25
20+5 min.COSTA, Maria Jose (IFIC (UV-CSIC))
*Top quark properties using the ATLAS detector at the LHC***Session 5****Convenor Arkadiy Taranenko**16.35 - 16.55
15+5 min.DAMYANOVA, Antoaneta (Universite de Geneve)
*The Mu3e Experiment at PSI*16.55 - 17.20
20+5 min.ISHINO, Masaya (Tokyo ICEPP)
*ATLAS Trigger and Data Acquisition Upgrades for High Luminosity LHC*17.20 - 17.40
15+5 min.BULYZHENKOV, Igor (Lebedev Physics Institute RAS and MIPT)
*Sommerfeld quantization of the extended charge in external and own fields*17.40 - 18.00
15+5 min.XIU, Rulin (Hawaii Theoretic Physics Research Center)
Dark Matter and Dark Energy within the Universal Wave Function Interpretation of String Theory

Thursday, July 14

Plenary talks

Convenor Susan Gasscon-Shotkin

08.30 - 09.00 MEGIAS Eugenio (Max Planck Institut fur Physik) - 25+5 min.
Far-from-equilibrium energy flow and entanglement entropy

09.00 - 09.25 SANDAKER Heidi (University of Oslo) - 20+5 min.
Dark Matter with the Cherenkov Telescope Array

09.25 - 09.50 GUILBAUD Maxime (Rice University) - 20+5 min.
CMS Heavy ion physics overview: Latest Pb-Pb and small system (p-p) results

9.50 - 10.20 STANCO Luca (Universita e INFN, Padova) - 25+5 min.
The next challenge for neutrinos in the Standard Model: the mass ordering

10.20 - 10.50 **Coffee** Convenor Monica Pepe-Altarelli

10.50 - 11.20 GASSCON-SHOTKIN Susan (Universite Claude Bernard-Lyon I) - 25+5 min.
Searches for extended Higgs sector, investigations of Higgs couplings and heavy resonances at LHC (summary)

11.20 - 11.45 STUCCI Stefania Antonia (Brookhaven National Laboratory) - 20+5 min.
ATLAS physics upgrade prospects

11.45 - 12.10 BRUNO Giacomo (Universite Catholique de Louvain) - 20+5 min.
Overview on upgrades, future plans and prospects for the CMS experiment

12.10 - 12.35 STRÖM Rickard (TBA) - 20+5 min.
Overview of the CLIC detector and its physics potential

12.35 - 13.00 DRASAL Zbynek (CERN) - 20+5 min.
Status of FCC detector and machine detector interface developments

13.00 - 13.30 **Closing**

13.30 - 15.00 **Lunch**

18.00 - 20.00 Satellite cultural event in OAC
Talks and music after closing of conference on "Science, spirituality and philosophy".

20.00 - 21.00 **Dinner**

21.30 - 22.30 Farewell concert
Kalliopi Petrou (soprano), Alessia Toffanin (piano)

Social events

Date	Time	Event
Wednesday 6.	19:00-20:00	Culture event in the OAC Chapel. Blessing. Introduction to the history of OAC Chapel and meaning of blessing by Katerina Karkala (OAC).
	20:30-21:30	After dinner talk in the veranda of OAC on "History of Crete" by Emanuela Larentzakis.
Thursday 7.	20:30-21:00	After Dinner talk, in the veranda of OAC on "John Bardeen and the impact of his Nobel Prize Research" by Bill Bardeen.
	21:00-22:30	Concert of Classical Music by Ruben Muradyan (piano), Svetlana Nor (violin) and Vladimir Nor (cello) and Welcome Drink. (Formal dressing is suggested).
Friday 8.	17:00-23:30	Excursion to Chania, old venetian harbor.
		Science Exhibition (10.00-13.30), Music by Calliope Petrou and Public talk by Prof. Theodoros Tomaras "Gravitational waves: the confirmation which came 100 years after their prediction" (20.00 - 22.30)(in greek) in Chania Sailing Club.
		For english speaking people: projection of film (18.00-19.30) in Chania and visit to the old synagogue of Chania (20.00-21.00).
Saturday 9.	19:00-20:00	Guide tour by Katerina Karkala (OAC) to nearby Gonia monastery.
	21:00-22:30	Concert of classical music in OAC.
Sunday 10.	(all day)	Conference Excursions.
	20:30-21:20	After dinner talk in the veranda of OAC on "Nikos Kazantzakis".
Monday 11.	19:30-20:30	Poster session with wine tasting and dinner at 20:00-21:00.
	21:00-22:00	Opera Gala, OAC amphitheater. (Formal dressing is suggested). Artists: Kalliopi Petrou, Soprano, Alessia Toffanin, piano.
Tuesday 12.	18:00-19:00	Public Talk Gravitational waves, Cosmic Primordial Radiation and the Origin of the Universe will be given by Prof. Vyacheslav Mukhanov (University of Munchen, Germany) (in english) followed by visit to the Venizelos Hights (19:00-19:30).
	20:00-23:00	Conference Dinner.
Thursday 14.	17:00-20:00	Satellite cultural event in OAC with talks and music after the closing of the conference, on "Science, Spirituality and Philosophy".
	21:30-22:30	Farewell concert. Artists: Kalliopi Petrou, Soprano, Alessia Toffanin, piano.

Concerts

7th July

Trio: Ruben Muradyan (piano), Svetlana Nor (violin), Vladimir Nor (cello)

Wolfgang Amadeus Mozart (1756-1791)

Sonata in G major, K. 301 for violin and piano (1778, Vienna)

I. Allegro con spirito

II. Allegro

Ludwig van Beethoven (1770-1827)

Songs for voice and piano

Ludwig van Beethoven (1770-1827)

Piano Trio No 7 "Archduke" in B-flat major, Op. 97 for violin, cello and piano (1811)

I. Allegro moderato

II. Scherzo: Allegro

III. Andante cantabile, ma pero con moto

IV. Allegro moderato. Presto

9th July

Mikhail Nor (tenor), Trio: Ruben Muradyan (piano), Svetlana Nor (violin), Vladimir Nor (cello)

Franz Schubert (1797-1828)

Fantasy C-Dur for violin and piano D934

Robert Schumann (1810-1856)

Three pieces-fantasy for cello and piano

Mikhail Glinka (1804-1857)

Three romances

Pyotr Tchaikovsky (1840-1893)

Three romances

Robert Schumann (1810-1856)

Trio N1 D-Dur for piano, violin and cello, Op. 63 (1847)(III and IV parts)

11th July Opera Gala

Kalliopi Petrou (soprano), Alessia Toffanin (piano)

Douglas Moore (1893-1969)

Aria of Elisabeth - Baby Doe: The silver aria, from the opera "The Ballad of Baby Doe"

Vincenzo Bellini (1801-1835)

Aria of Giulietta: Eccomi in lieta vesta...Oh quante volte, from the opera "I Capuleti e i Montecchi"

Franz Liszt (1811-1886)

Schubert - Ständchen (Serenade) for piano solo

Jules Massenet (1842-1912)

Gavotte of Manon: Obéissonsquand leur voix appelle from the opera "Manon"

Georges Bizet (1838-1875)

Aria of Lela: Me voilà seule dans lanuit from the opera "Les êcheurs de perles"

George Gershwin (1898-1937)

The man I love and I got rhythm arrangements for piano solo

George Gershwin (1898-1937)

Aria of Clara: Summertime from the opera "Porgy and Bess"

Leonard Bernstein (1918-1990)

Song of Maria: I feel pretty, from the musical "West side story"

Giancarlo Menotti (1911-2007)

Aria of Lucy: Hello hello, from the opera "The Telephone"

George Gershwin (1898-1937)

Preludio for piano solo

Kurt Weill (1900-1950)

Youkali tango Song in text by Roger Ferney

14th July Science, spirituality and philosophy Classical Music: Vladimir Nor (cello) and Svetlana Nor (violin)

17.00 - 17.05 Welcome by the organizers of ICNFP 2016

17.05 - 17.15 I. Johann Sebastian Bach (1685-1750)

Partita in D minor for solo violin (BWV 1004) Kuetten (1717-1720) 5. Ciaccona
Svetlana Nor (tenor)

17.15 - 17.40 Introductory talk by Dr. Kostas Zormpas, (director of OAC, Kolymbari, Greece)

17.40 - 17.45 II. Franz Schubert (1797-1828)

Ave Maria (1825), poem by Walter Scott in German translation.
Mikhail Nor (tenor)

17.45 - 18.10 "God, Language and Logic: The Science as inner experience", by Dr. Ignazio Licata,
(Institute for Scientific Methodology, Palermo, Italy, and School of Advanced International
Studies on Theoretical and non Linear Methodologies of Physics Bari, Italy)

18.10 - 18.30 Pause

18.30 - 18.40 III. Johann Sebastian Bach (1685-1750)

Cello Suite No.4 in E-flat major, BMV 1010 Gigue, Vladimir Nor (cello)
IV. Pyotr Tchaikovsky (1840-1893)
6 Romances Op.6 Romance "None but the Lonely Hear"

18.40 - 19.05 "Report from the 'Parliament of the World's Religions' conference (Salt Lake, USA,
2015), and Spirituality and Science", by Dr. Rulin Xin, (Hawaii Institute for Theoretical
Physics, USA)

19.05 - 19.35 "Humankind Between the Mystery of God nad the Mystery of the Universe" by Prof.
Petros Panagiotopoulos, (Faculty of Theology of the Aristoteles University, Thessaloniki,
Greece)

19.35 - 20.00 Questions and Round table with all speakers and invited persons.

14th July Sacred Music

Kalliopi Petrou (soprano), Alessia Toffanin (piano)

Antonia Vivaldi (1678-1741)

From Gloria RV689: *Domine Deus*

Maurice Ravel (1875-1937)

From Deux mélodies hébraïques *Kaddish*

Unknown composer

Christos Anesti - Christ is risen

Max Janowski (1912-1991)

Arrangement of *Avinu Malkeinu*

Unknow composer

Ti Ipermacho Stratigo To thee the Champion Leader

Unknow composer

Ai yeneai pasai - All generations

Joseph Haydn (1732-1809)

Nun beut die Flur das frische Grün Gabriels Aria from Die Schöpfung

Wolfgang Amadeus Mozart (1756-1791)

Exsultae, Jubilate K 165