

4th International Conference on New Frontiers in Physics

New Frontiers in Physics
ICNFP 2015

Crete, Greece

Welcome!



New Frontiers in Physics
ICNFP 2015

Crete, Greece

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Updates of program



4th International Conference on New Frontiers in Physics ICNFP2015

23-30 August 2015

Europe/Athens timezone

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Poster

Scientific Program

Invited speakers

50th anniversary session of
Hagedorn's Statistical
Bootstrap Model

Organisation

Venue

Accommodation

Timetable

Poster session

Important Dates

[4th International Conference on New Frontiers in Physics](#)

23 August - Arrival day and Lectures

24-30 August - ICNFP2015 Conference

The **International Conference on new Frontiers in Physics** aims to promote scientific exchange and development of novel ideas in science with a particular accent on interdisciplinarity.

The conference will bring together worldwide experts and promising young scientists working on experimental and theoretical aspects of particle, nuclear, heavy ion and astro-particle physics and cosmology, with colleagues from other disciplines, for example solid state physics, mathematics, mathematical physics, quantum optics, quantum entanglement and other.

This year one of the sessions will be devoted to the 50th anniversary of Hagedorn's Statistical Bootstrap Model, the Centenary of Einstein's General Theory of Relativity and the International Year of Light.

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< Sun 23/08 Mon 24/08 Tue 25/08 Wed 26/08 Thu 27/08 Fri 28/08 Sat 29/08 Sun 30/08 >

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Lectures Lectures

14:00

The Constituent-Quark Model - Nowadays

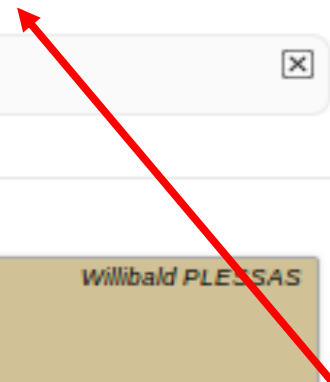
Willibald PLESSAS

15:00

Hamiltonian Approach to QCD in Coulomb gauge-from the vacuum to finite temperatures

Hugo REINHARDT

14:20 - 15:10



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<http://conference4me.com>

Conference4me

Mobile Conference Assistant



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Registration is opened at 16:45 23/08
in the coffee break.

For the ones who want to go to the excursion on Tuesday:
confirm at the registration desk today.



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At registration please complete the various lists namely :

Meals: register nr of people and preferences: <http://goo.gl/KdmgNm>

Excursion: Knossos, Monasteries, new added: Falassarna beach

Social Events: participation and nr of people

For accompanied people, please arrange with registration desk



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PRICE LIST ICNFP 2015

1. PARTICIPANT

Conference fee (full): 285 EURO

Conference fee (student): 195 EURO

In the Conference fee the social events are included.

2. ACCOMPANYING PERSON

Social Events::

Date/Time	Title	Place	Par oac	Par	Acc oac	acc	Kid
23/08 19:00-20:00	Cultural Event: Blessing	Chapel, OAC Basement					
23/08 20:30-21:30	History of Crete	OAC Terasse					
24/08 21:00-22:30	Concert of Classical Music	Conference Hall					
25/08 06:00-17:00	Excursion to Heraklion				30	30	20
25/08 17:00-24:00	Lecture+Dinner, Chania	Chania		15		15	10
26/08 19:00-21:00	Poster Session with wine	OAC					
26/08 21:00-22:00	Opera Gala	Conference Hall					
27/08 20:00-23:45	Conference Dinner	OAC			10	30	10
28/08 18:30-23:30	Excursion to Chania						
29/08 20:30-23:30	Year of Light with Music	OAC Amphitheatre					
30/08 06:00-18:00	Excursion to Heraklion	Knossos			40	40	20
06:00-18:00	Excursion to Monasteries	Chania region			30	30	20
10:30-17:00	Excursion to Falasserna				30	30	20

Social Events I

Sunday 23 August 2015, 18:45-20:00

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

Sunday 23 August 2015, 20:30-21:30

After dinner talk "History of Crete" by Emanuela Larentzakis

Monday 24 August 2015, 21:00 -22:30

Concert of Classical Music
and Welcome Drink

AUGUST 24TH, 2015, 21:00, OAC KOLYMBARI
CONCERT OF CLASSICAL MUSIC (FREE ENTRANCE)

*TRIO: RUBEN MURADYAN (PIANO),
SVETLANA NOR (VIOLIN), VLADIMIR NOR (CELLO)*

Wolfgang Amadeus Mozart (1756-1791) Piano Trio in E major, K. 542 for violin, cello and piano (1788, Vienna)

Robert Schumann (1810-1856) Piano Trio No 1 in D minor, Op. 63 for violin, cello and piano (1847)

Pyotr Tchaikovsky (1840-1893) Pieces for violin and piano (1877) Variations on a Rococo Theme arranged for cello and piano Op. 33

Vladimir Nor (cello) and Svetlana Nor (violin) are playing for 20 years in Alyabjev Quartet (Moscow, Russia), Honored Artists of Russian Federation.

Ruben Muradyan (piano) is a professor of GMPI MM Ippolitov-Ivanov, winner of many International Competitions, giving concerts in Russia and abroad.



Social Events II

Tuesday 25 August 2015, 06:00-17:30

Excursion for accompanying persons to Herakleion including St Titus celebrations and/or visit to the museum. After the excursion the bus will bring participants either to the hotels or directly to the Technical University of Chania for the Public Talk followed by dinner at a seaside taverna.

Tuesday 25 August 2015, 18:00 (bus at 17:00)

Public talk (in english, program of event), visit to the "Park for the Preservation of Flora and Fauna" and dinner in Taverna



The Old One does not throw dice **Einstein's dialog with God**

Prof. Dr. Thomas Naumann

Deutsches Elektronen-Synchrotron DESY, Zeuthen/Berlin

“ Einstein spoke so often about God that Bohr reportedly asked him

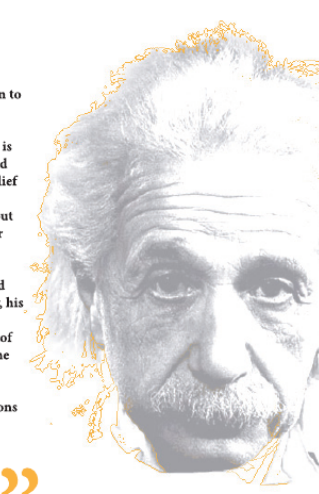
'Stop telling God what to do'.

He addressed God as if he had a direct connection to the Old One and wanted to know His thoughts.

Einstein was fascinated by the fact that the world is comprehensible and believed in the simplicity and harmony of the laws of Nature. This profound belief was a prerequisite of his thinking. Like Brecht's Galileo he could not get up in the morning without it and devoted to the traditional Jewish search for the law.

Einstein also asked whether God had a choice and could have made the world any differently. Today, his question leads to the anthropic discussions on a multiverse and the fine tuning of the parameters of our world in view of inflation, dark energy and the recently discovered Higgs boson.

Einstein's specific approach to the deepest questions of science continues to be very productive in our ongoing search for a unified theory of all forces, extra dimensions of space and a supersymmetric mirror world.



”
Technical University of Crete (TUC),

Main amphitheatre in the Science/ECE Building (141.Π.98)

25 August 2015 , 18:00

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Social Events III

Wednesday 26 August 2015, 19:30-20:30

Poster session with wine testing and dinner at 20:00-21:00

Wednesday 26 August 2015, 21:00-22:00 Opera Gala,
OAC amphitheater.

The program of the Opera Gala event can be found here.
Artists: Kalliopi Petrou, Soprano, Alessia Toffanin, piano

Thursday 27 August 2015, 20:00-23:45

Conference Dinner with Cretan night

Opera Gala

OAC Auditorium
Kolymbari
August 26th 2015, 9PM



*Kalliopi
Petrou
Soprano*



*Alessia
Toffanin
Piano*



Social Events IV

Friday 28 August 2015 10:00 - 13:30

Science Fair at Chania Sailing Club

Friday 28 August 2015, 18:30-23:30

Excursion to Chania, old venetian harbor

Friday 28 August 2015 18:30

Visit to the old synagogue of Chania

Friday 28 August 2015 20:00-23:00

Public talk (in greek, program of event) at Chania



Μικροσκοπικές Μελανές Οπές:
Ένα νέο παράθυρο στο Σύμπαν
ομιλία του καθηγητή Ηλία Κυρίτση

Νεώριο Μόρο
Ιστοπλοϊκός Όμιλος Χανίων

Παρασκευή 28 Αυγούστου 2015, 20:00

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indico.cern.ch/event/icnfp2015



ESO/MPF/Marc Schartmann

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Social Events V

Saturday 29 August 2015 (18.30 - 21.00)

Year of Light event with music in OAC



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Social Events VI

Sunday 30 August 2015 (all day)
Conference Excursions

Sunday 30 August 2015 (21.30 - 22.30)
Closing with a concert of classical music in OAC



Sunday, 30 Aug, Excursion to Monasteries

6:00 Departure for trip to the top of Metamorphosi monastery

7:00 - 8:30 Liturgy

8:30 - 9:30 Coffee and small tour in Metamorphosi

10:00 - 11:00 Walk through the mountain path to Agia Kyriaki Monastery

11:00-12:00 Tour in Agia Kyriaki Monastery

12:15-13:30 Visit of Chrysopigi Monastery (16th century)

14:00 Lunch in Chania center

15:30 Agia Triada (short tour for 30 minutes) and Gouverneto Monastery

18:00 Return to OAC

20:00 Dinner



Sunday, 30 Aug, Excursion to Knossos

6:00 Departure for Knossos

9:30 Visit Knossos

11:00 Departure from Knossos to museum

11:30 Visit museum Heraklion

13:00 Departure from museum

13:30 Lunch in Heraklion Taverna

15:00 Departure for OAC, possible stop for coffee in Rethymno

18:00 Arrival at OAC

20:00 Dinner



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Sunday, 30 Aug, Excursion to Falassarna

10:30 Departure

13:30 lunch at
a local taverna

17:00 Arrival at OAC



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Sponsors and organizing institutes

CERN - European Organization for Nuclear Research

EMMI - ExtreMe Matter Institute

GSI - Helmholtzzentrum für Schwerionenforschung

FAIR - Facility for Antiproton and Ion Research

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Subatech

University of Nantes

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