Welcome!!

XII Quark Confinement and the Hadron Spectrum
QCHS or CONF12

Yiota Foka and Nora Brambilla
on behalf of the organising committee

29 aug – 3 sep, Makedonia Palace, Thessaloniki, Greece
Inaugurated in 1994 by N. Brambilla and G. Prosperi, the first two editions were held in Como, Italy (biannual).

Subsequent editions were held in:
- Newport News (1998)
- Vienna (2000)
- Gargnano (2002)
- Villasimius (2004)
- Azores (2006)
- Mainz (2008)
- Madrid (2010)
- Munich (2012)
- Saint Petersburg (2014)
Brief history

373 participants for this year conference!

XIIth Quark Confinement and the Hadron Spectrum
from 28 August 2016 to 4 September 2016
Europe/Athens timezone

Participant List
373 participants

<table>
<thead>
<tr>
<th>First Name</th>
<th>Last Name</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Francesca</td>
<td>Aceti</td>
<td>IFIC - Universidad de Valencia</td>
</tr>
<tr>
<td>Andria</td>
<td>Agadjanov</td>
<td>University of Bonn</td>
</tr>
<tr>
<td>Constantia</td>
<td>Alexandrou</td>
<td>University of Cyprus and The Cypr...</td>
</tr>
<tr>
<td>Mohammad</td>
<td>Alhakami</td>
<td>KACST</td>
</tr>
<tr>
<td>Igor</td>
<td>Altsybeev</td>
<td>St. Petersburg State University (R...</td>
</tr>
</tbody>
</table>
Welcome to Thessaloniki

Mayor: Giannis Boutaris
Welcome drink: Monday 20:00 at City Hall
Venue

Makedonia Palace hotel
Welcome to Aristoteleio Panepistimeio

PRYTANHS: Περικλής Α. Μήτκας
Welcome: Wednesday 8:30 at Ceremony Hall of Aristoteleio Panepistimeio Thessalonikis

Year of Aristotelis
Presentation on ‘Aristotle’s Apprehension of Reality’ by I. Antoniou
Visit Aristotelis school (where Alexander the Great graduated !)
• **Section A: Vacuum Structure and Confinement**
  Conveners: D. Antonov (Heidelberg), M. Faber (TU Vienna), J. Greensite (San Francisco SU)

• **Subsection A: Emergent gauge fields and chiral fermions**
  Conveners: T. Schaefer (NC State U), V. Shevchenko (NRC Kurchatov I)

• **Section B: Light Quarks**
  Conveners: J. Goity (Hampton U), B. Ketzer (Bonn U), H. Sazdjian (IPN Orsay), N. G. Stefanis (Ruhr U Bochum), H. Wittig (JGU Mainz)

• **Section C: Heavy Quarks**
  Conveners: G. Bodwin (Argonne NL), P. Pakhlov (ITEP), J. Soto (U Barcelona), A. Vairo (TUM)

• **Section D: Deconfinement**
  Conveners: C. Allton (Swansea U), E. Iancu (CEA/DSM/Saclay), M. Janik (WUT), P. Petreczky (BNL), A. Vuorinen (U Helsinki), Y. Foka (GSI)

• **Section E: QCD and New Physics**
  Conveners: W. Detmold (MIT), M. Gersabeck (U Manchester), F. J. Llanes-Estrada (UC Madrid), E. Mereghetti (Los Alamos NL), J. Portoles (IFIC, Valencia)

• **Section F: Nuclear and Astroparticle Physics**
  Conveners: M. Alford (Washington U in St.Louis), D. Blaschke (U Wroclaw), T. Cohen (U Maryland), L. Fabbietti (TUM), A. Schmitt (U Southampton)

• **Section G: Strongly Coupled Theories**
  Conveners: D. Espriu (U Barcelona), Z. Fodor (BU Wuppertal), E. Kiritsis (APC/U Crete), F. Sannino (CP3-Origins), A. Weiler (TUM)
In addition, 2 special sections:

• Statistical methods for Physics in the XXIth Century
  Conveners: T. Dorigo (INFN)

• Future Perspectives, Upgrades and Instrumentation
  Conveners: L. Musa (CERN), S. Leontsinis (U Colorado), P. Di Nezza (INFN Frascati), C. Sturm (GSI)

Special Thanks to all conveners !!

Conveners - Badges with green dot !!
Contact them for the scientific programme
Student lectures, August 28

A. Vairo (TUM): Introduction to Nonrelativistic effective Field Theories for QCD
H. Sazdjian (IPM Orsay): Introduction to chiral QCD
J. L. Goity (Jefferson Lab): Introduction to Large N QCD
A. De Rujula (CSIC): General Relativity and Gravitational Waves

Special Thanks to Lecturers!!
Procedures on delivering contributions

Make sure to deliver your contributions on time!

The speakers should upload the slides to the indico server latest on the day before the session is held.

Last resort, email or give to conveners in a USB key.

In case of any problem, please contact Łukasz Graczykowski (lgraczyk@if.pw.edu.pl) or Vladimir Kovalenko (vladimir.kovalenko@cern.ch)

Posters should also be uploaded to Indico system.

Indico -> My Contributions -> click on talk title -> Presentation Materials
Agenda

- Printed Program
- Daily updates on announcement boards
- Online: indico.cern.ch/e/conf12

In your smartphones and tablets

All you want to know about the conference
Registration and Payments

Registration desk open:
• Monday, August 29, from 8:00 to 20:00
• Other days: from 8:15 to end of sessions
• NOT on Wednesday

Payments
• cash or credit card

For any questions on payments: NB events, Niki Bai
Tel: +30-2310-223461
info@nbevents.gr
bai@nbevents.gr
Accompanying People Programme

Monday at 11:00 meeting at registration desk

- Excursions
- Discover the town and Activities info
- Babysitting info

Accompanying persons will have a possibility to go to additional excursion which will be organized by NBEvents agency. For details go to the following page:

https://nbevents.gr/services/quark/tours
Monday 29 August – Welcome drink in City Hall
Tuesday 30 August – Poster session and wine tasting
Wednesday 31 August – Plenaries at Ceremony Hall of AUTh
Wednesday 31 August – Conference excursion
Thursday 1 September – Conference dinner
Friday 2 September – Opera gala
Saturday 3 September – Closing, Start of Workshop

More info and directions on webpage and in booklet
Social events mosaic

Opera Gala
Thessaloniki
August 29th, 2016
8PM

Kalliopi Petroutsou
Supreme

XIIth Quark Confinement and the Hadron Spectrum
Thessaloniki, Greece
August 29th - September 2nd, 2016
Alessia Toffanin
Piano

K

K
Public event in Veroia, August 27

Science Event for the Public
with the participation of researchers from the "Large Experiments" of CERN

Morning Science Event
Presentation and Projections of CERN Experiments

Evening Science Event
19:00 First part of musical performance
19:15 Public lecture "CERN and search for new physics"
20:00 Second part of musical performance
20:15 Questions and discussion with the public
Speaker: Emmanuel Tsesmelis
Soprano: Kalliopi Petrou

Public Central Library of Veroia
8 Ellis str. Tel.: 23310 24494 - 11:30 - 14:00
Convention Hall, Public Central Library of Veroia - 19:00 - 21:00

Free Entrance

Veroia, Saturday 27 August 2016
Public event in Veroia, August 27

Organizers: Yiota Foka, Christina Kourkoumelis

Morning Science Event: Presentation and Projections of CERN Experiments

Evening Science Event:
19:00 First part of musical performance
19:15 Public lecture
   “CERN and search for new physics”
20:00 Second part of musical performance
20:15 Questions and discussion with the public
Speaker: Emmanuel Tsemelis
Soprano: Kalliopi Petrou

Convention Hall, Public Central Library of Veroia - 19:00 - 21:00

Free Entrance Veroia, Saturday 27 August 2016
Public event in Thessaloniki, August 28

Science Event for the Public with the participation of researchers from the “large experiments” of CERN for all ages

12th International Conference “Quark Confinement and the Hadron Spectrum”

Speaker: Emmanuel Tsesmelis
Soprano: Kalliopi Petrou

Programme
18:00 Introduction to CERN, Exhibition
18:45 Theatrical play by high school students
19:30 First part of musical performance
19:45 Public lecture “CERN and search for new physics”
20:30 Second part of musical performance
20:45 Questions and discussion with the public

Free Entrance
Sunday 28 August 2016, Time: 18:00 - 21:00
Thessaloniki, City Hall, Auditorium “M. ANAGNOSTAKIS”

Welcome Reception
Welcome of the Conference Participants, Monday 29 August 2016
City Hall, Open Amphitheater
Organizing Committee

Y. Foka (GSI, Germany) - chair
N. Brambilla (TUM, Germany) - co-chair and scientific secretary
E. Andronov (SPbSU, Russia)
T. Alexopoulos (NTUA, Greece)
R. Averbeck (GSI, Germany)
D. Bandekas (EMaTTech, Greece)
T. Dorigo (INFN Padova, Italy)
C. Eleutheriadis (AUTH, Greece)
T. Geralis (Demokritos, Greece)
L. Graczykowski (WUT, Poland)
S. Harissopoulos (Demokritos, Greece)
A. Ioannidou (AUTH, Greece)
M. Janik (WUT, Poland)
A. Katanaeva (SPbSU, Russia)
G. Kitis (AUTH, Greece)
C. Kourkoumelis (NKUA, Greece)
V. Kovalenko (SPbSU, Russia)
A. Liolios (AUTH, Greece)
A. Mischke (Utrecht U. the Netherlands)
A. Petkou (AUTH, Greece)
D. Shukhobodskaya (SPbSU, Russia)
C. Sturm (GSI, Germany)

Badges in gold !!

Students Assistants: APTh Thessaloniki, EMaTTech Kavala
Blue Tshirts

Public Events: NKUA Athens
Sponsors and organizing institutes

CERN - European Organization for Nuclear Research
EMMI - ExtreMe Matter Institute
FAIR - Facility for Antiproton and Ion Research
GSI - Helmholtzzentrum fur Schwerionenforschung
TUM - Technische Universitat Munich
AUTH - Aristotle University of Thessaloniki
EMaTTech - Eastern Macedonia and Thrace Institute of Technology
National Center for Scientific Research "DEMOKRITOS"
NTUA - National Technical University of Athens
NKUA - National and Kapodistrian University of Athens
NWO - Netherlands Organization for Scientific Research
SPbSU - Saint Petersburg State University
INFN Padova - Istituto Nazionale di Fisica Nucleare Sezione di Padova
UU - Utrecht University
WUT - Warsaw University of Technology
AMVA4NewPhysics - An ITN of the Horizon2020 EU programme
City of Thessaloniki
CREATIONS
Basics:
- Limit use of internet to necessary !!
- Follow the lectures, respect the speakers
- Speakers: respect the next speakers, keep to allocated time
- Chairs: monitor the time

Wi-Fi
Network: Makedonia palace
Login: GUEST
Password: GUEST (or click on ‘click here’)

Follow the latest news on our Twitter:
twitter.com/QCHS_12
Exchange your impressions using hashtag
#conf12 #QCHS12
Wednesday, 31 August
At morning coffee break at the AUTh

Friday, 2 September
At afternoon coffee break at Makedonia Palace
POSTERS CONF12 and WORSHOP
Discover the treasures!
Welcome!!

XII Quark Confinement and the Hadron Spectrum
QCHS or CONF12

Yiota Foka and Nora Brambilla
on behalf of the organising committee

29 aug – 3 sep, Makedonia Palace, Thessaloniki, Greece