

Opening Ceremony

- Welcome address
 - Nick Ellis on behalf of the International Organizing Committee
- Speeches from our VIP guests, chaired by Roumen Tsenov:
 - Prof. Latchesar Kostov, Chairman of the BNRA
 - Prof. Dimitar Tonev, Director, INRNE
 - Genoveva Jecheva, Director, National Science Fund of the Ministry of Education and Science
- The Opening Ceremony will be followed by a Welcome Drink in the lobby bar

The 2015 European School of High-Energy Physics

Bansko, Bulgaria 2 – 15 September 2015

Opening Ceremony CERN–JINR European School of High-Energy Physics

Nick Ellis

Director, CERN Schools of Physics

On behalf of the International Organizing Committee

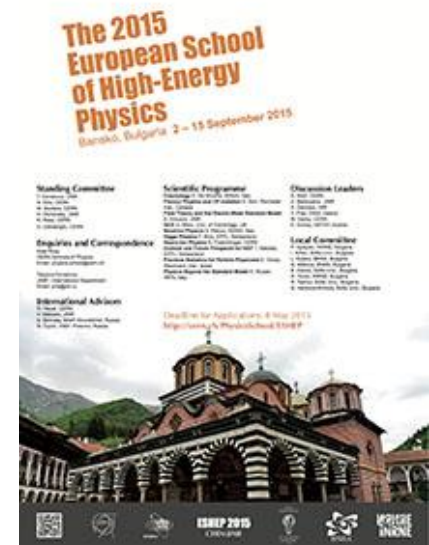
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History of this School

- The annual “European Schools” organized jointly by CERN and JINR started in 1993
 - Building on a long tradition of collaboration between the two organizations, and on Schools organized by CERN since the 1960s and jointly by CERN and JINR in alternate years since the 1970s
- Recent European Schools
 - 2007 Czech Republic
 - 2008 Belgium
 - 2009 Germany
 - 2010 Finland
 - 2011 Romania
 - 2012 France
 - 2013 Hungary
 - 2014 Netherlands

2015 Bulgaria



School Organization

- The School is held in a JINR member state 1 year in 4, and in a CERN member state 3 years in 4, but several countries including Bulgaria are member states of both organizations
 - This ratio reflects, approximately, the numbers of students coming from CERN and JINR countries
- We have a small standing committee made up of people from CERN and JINR (Nick Ellis, Martijn Mulders, Sasha Olchevsky, Giulia Zanderighi; Kate Ross, Tatyana Donskova), plus the local director appointed for each School (Roumen Tsenov)
 - This International Organizing Committee is responsible for the scientific programme and the selection of the students
- It is complemented by the Local Organizing Committee in the host country
 - Note that a huge amount of work is done by the local organizers, including identifying candidate venues to hold the School, as well as a huge array of practical arrangements
 - Let me say a big thank-you to Roumen and his colleagues for all the help that they have given us over the last year!

About the students

- Target audience is PhD students in physics
 - Mainly working on High-Energy Physics experiments
 - Many on the Large Hadron Collider
- There are 92 students at this School
 - 34 Nationalities
 - 28 Countries of home institutes
- About 60% from Western Europe and 26% from Eastern Europe
 - Remaining students from other regions, including the Middle East and North Africa, North and South America
- Female / male ratio is 24 / 68
- Funding for fees and travel generally from the students' home institutes or funding agencies
- Not all students who applied could be accepted
 - Rigorous and competitive selection process
- Please make the most of your time at the School!

Teaching programme

- Lectures
 - Advanced courses
 - Mainly theory/phenomenology orientated, but linked with the latest experimental results from the LHC and elsewhere
 - Given by high-level scientists from many different countries
 - Build on training that the students received in their home countries
 - Special lectures
 - CERN and JINR programmes, outlook and future prospects
 - Outreach / media training
 - Recognising the importance of communicating our science to the general public
- Discussion sessions
 - Six groups meet in parallel most afternoons
 - Under the leadership of an experienced physicist

Active student participation

- On Sunday 6 September there will be a student poster session after dinner
 - Unique opportunity for students to discuss their own work informally with each other and also with senior scientists
- On Sunday 13 September there will be an after-dinner session in which student representatives from each of the six groups will present the results of collaborative projects
 - Exercise on communicating science to a general audience
 - Building on the outreach training
 - Will require extensive preparation by the students in each group during their “free time”
 - We will brief the students about the projects on Sunday

Cultural exchange and networking

- In addition to teaching the science, the School aims to promote cultural exchange and networking between young scientists from different countries
 - Mix students from different countries in the groups for the discussion sessions and collaborative projects, and also in shared sleeping accommodation
 - The projects and the student poster session promote discussion and perhaps even future scientific collaboration between participants

Sponsors

- These Schools are only possible because of generous support from various funding bodies
 - Regular sponsorship from CERN and from JINR
 - Additional sponsorship from the host country
- I would particularly like to thank the organizations in Bulgaria that are supporting the School in various ways:
 - Bulgarian Nuclear Regulatory Agency (BNRA)
 - Saint Kliment Ohridski University of Sofia
 - Institute for Nuclear Research and Nuclear Energy (INRE) of the Bulgarian Academy of Sciences

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Let me say thank you and welcome to:

- All the people present who are helping to make this School possible
 - Lecturers
 - Discussion Leaders
 - All of the Local organising team, especially Roumen Tsenov who has done a huge job over the last year to prepare this School!
- Our Bulgarian VIP guests
 - Latchesar Kostov, Chair of the Bulgarian Nuclear Regulatory Agency
 - Dimitar Tonev, Director of the Institute for Nuclear Research and Nuclear Energy of the BAS
 - Genoveva Jecheva, Director of the National Science Fund, Ministry of Education and Science
- The Directors General of CERN and JINR who will be giving lectures tomorrow morning
 - Rolf Heuer, CERN
 - Victor Matveev, JINR

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