

## 2013 EUROPEAN SCHOOL OF HIGH-ENERGY PHYSICS



from Wednesday, 5 June 2013 at **12:00** to Tuesday, 18 June 2013 at **13:00** (Europe/Zurich)  
at **Parádfürdő, Hungary**

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### Wednesday, 5 June 2013

- 15:00 - 23:00 Registration  
19:30 - 21:00 Dinner

### Thursday, 6 June 2013

- 09:00 - 09:15 Welcome 15'  
09:15 - 10:45 Field Theory & the E-W Standard Model 1 1h30'  
Speaker: Eduard Boos (M.V. Lomonosov Moscow State University (RU))  
Material: [Slides](#) 
- 10:45 - 11:00 Coffee  
11:00 - 12:30 QCD for Collider Experiments 1 1h30'  
Speaker: Zoltan Laszlo Trocsanyi (University of Debrecen (HU))  
Material: [Slides](#) 
- 12:30 - 15:30 Lunch - Free Time  
15:30 - 17:00 Cosmology 1 1h30'  
Speaker: Dmitry Gorbunov (Russian Academy of Sciences (RU))  
17:00 - 17:30 Coffee  
17:30 - 18:45 Discussion Session  
19:00 - 19:30 Welcome Drink  
19:30 - 22:00 Dinner

### Friday, 7 June 2013

- 09:00 - 10:30 Field Theory & the E-W Standard Model 2 1h30'  
Speaker: Eduard Boos (M.V. Lomonosov Moscow State University (RU))  
Material: [Slides](#) 
- 10:30 - 11:00 Coffee  
11:00 - 12:30 QCD for Collider Experiments 2 1h30'  
Speaker: Zoltan Laszlo Trocsanyi (University of Debrecen (HU))  
Material: [Slides](#) 
- 12:30 - 15:30 Lunch - Free Time  
15:30 - 17:00 Cosmology 2 1h30'  
Speaker: Dmitry Gorbunov (Russian Academy of Sciences (RU))  
17:00 - 17:30 Coffee  
17:30 - 18:45 Discussion Session  
19:30 - 21:30 Dinner

### Saturday, 8 June 2013

- 09:00 - 10:30 Field Theory & the E-W Standard Model 3 1h30'  
Speaker: Eduard Boos (M.V. Lomonosov Moscow State University (RU))  
10:30 - 11:00 Coffee  
11:00 - 12:30 Cosmology 3 1h30'  
Speaker: Dmitry Gorbunov (Russian Academy of Sciences (RU))  
12:30 - 18:30 Lunch (at hotel) & Excursion (with dinner outside of hotel)

### Sunday, 9 June 2013

- 09:00 - 10:30 QCD for Collider Experiments 3 1h30'

- Speaker: Zoltan Laszlo Trocsanyi (University of Debrecen (HU))
- 10:30 - 11:00 Coffee
- 11:00 - 12:30 Higgs Physics 1 *1h30'*  
Speaker: Jonathan R. Ellis (CERN)
- 12:30 - 15:30 Lunch - Free Time
- 15:30 - 17:00 Higgs Physics 2 *1h30'*  
Speaker: Jonathan R. Ellis (CERN)
- 17:00 - 17:30 Coffee
- 17:30 - 18:45 Discussion Session
- 19:30 - 21:00 Dinner
- 21:00 - 22:30 Poster Session

### Monday, 10 June 2013

- 09:00 - 10:30 QCD for Collider Experiments 4 *1h30'*  
Speaker: Zoltan Laszlo Trocsanyi (University of Debrecen (HU))
- 10:30 - 11:00 Coffee
- 11:00 - 12:30 Higgs Physics 3 *1h30'*  
Speaker: Jonathan R. Ellis (CERN)
- 12:30 - 15:30 Lunch - Free Time
- 15:30 - 17:00 Beyond the Standard Model 1 *1h30'*  
Speaker: Csaba Csaki (Cornell University)
- 17:00 - 17:30 Coffee
- 17:30 - 18:45 Discussion Session
- 19:30 - 21:30 Dinner

### Tuesday, 11 June 2013

- 09:00 - 23:00 Full Day Excursion (with packed lunch and with dinner outside of hotel)

### Wednesday, 12 June 2013

- 09:00 - 10:30 Quark-Gluon Plasma 1 *1h30'*  
Speaker: Krishna Rajagopal (MIT)
- 10:30 - 11:00 Coffee
- 11:00 - 12:30 Practical Statistics 1 *1h30'*  
Speaker: Harrison Prosper (Florida State University)
- 12:30 - 15:30 Lunch - Free Time
- 15:30 - 17:00 Beyond the Standard Model 2 *1h30'*  
Speaker: Csaba Csaki (Cornell University)
- 17:00 - 17:30 Coffee
- 17:30 - 18:45 Discussion Session
- 19:30 - 21:30 Dinner

### Thursday, 13 June 2013

- 09:00 - 10:30 Quark-Gluon Plasma 2 *1h30'*  
Speaker: Krishna Rajagopal (MIT)
- 10:30 - 11:00 Coffee
- 11:00 - 12:30 Practical Statistics 2 *1h30'*  
Speaker: Harrison Prosper (Florida State University)
- 12:30 - 15:30 Lunch - Free Time
- 15:30 - 17:00 Beyond the Standard Model 3 *1h30'*  
Speaker: Csaba Csaki (Cornell University)
- 17:00 - 17:30 Coffee
- 17:30 - 18:45 Discussion Session
- 19:30 - 21:30 Dinner

### Friday, 14 June 2013

- 09:00 - 10:30 CERN Programme *1h30'*

- Speaker: Rolf Heuer (CERN)
- 10:30 - 11:00 Coffee
- 11:00 - 12:30 JINR Programme *1h30'*  
Speaker: Viktor Matveev (Russian Academy of Sciences (RU))
- 12:30 - 15:30 Lunch - Free Time
- 15:30 - 17:00 Beyond the Standard Model 4 *1h30'*  
Speaker: Csaba Csaki (Cornell University)
- 17:00 - 17:30 Coffee
- 17:30 - 18:45 Discussion Session
- 19:30 - 21:30 Dinner

### Saturday, 15 June 2013

- 09:00 - 10:30 Flavour Physics & CP Violation 1 *1h30'*  
Speaker: Zoltan Ligeti
- 10:30 - 11:00 Coffee
- 11:00 - 12:30 Neutrino Physics 1 *1h30'*  
Speaker: Belen Gavela (Universidad Autonoma de Madrid)
- 12:30 - 18:30 Lunch (at hotel) & Excursion (with dinner outside hotel)
- 19:30 - 21:30 Dinner (for those staying at hotel)

### Sunday, 16 June 2013

- 09:00 - 10:30 Flavour Physics & CP Violation 2 *1h30'*  
Speaker: Zoltan Ligeti
- 10:30 - 11:00 Coffee
- 11:00 - 12:30 Neutrino Physics 2 *1h30'*  
Speaker: Belen Gavela (Universidad Autonoma de Madrid)
- 12:30 - 15:30 Lunch - Free Time
- 15:30 - 17:00 Practical Statistics 3 *1h30'*  
Speaker: Harrison Prosper (Florida State University)
- 17:00 - 17:30 Coffee
- 17:30 - 18:45 Discussion Session
- 19:30 - 21:00 Dinner
- 21:00 - 22:30 Student Group Project Presentations

### Monday, 17 June 2013

- 09:00 - 10:30 Flavour Physics & CP Violation 3 *1h30'*  
Speaker: Zoltan Ligeti
- 10:30 - 11:00 Coffee
- 11:00 - 12:30 Neutrino Physics 3 *1h30'*  
Speaker: Belen Gavela (Universidad Autonoma de Madrid)
- 12:30 - 15:30 Lunch - Free Time
- 15:30 - 17:00 LHC Results Highlights *1h30'*  
Speaker: Jim Virdee (Imperial College Sci., Tech. & Med. (GB))
- 17:00 - 17:30 Coffee
- 17:30 - 18:45 Discussion Session
- 19:30 - 21:30 Farewell Dinner

### Tuesday, 18 June 2013

- 09:00 - 13:00 Departure

