

## Report on « Third International School of QCD »

The Third International School of QCD took place from June 20<sup>th</sup> to July 1<sup>st</sup> 2016 in Orsay, France. This iteration of the school series focused on aspects of QCD of particular interest to the future Electron Ion Collider (EIC) to be constructed in the US, or to the Large Hadron electron Collider (LHeC) at CERN, especially on aspects related to the small  $x_Bj$  (high energy) regime. We also aimed at bridging the gap between physicists more specialized in the electromagnetic probe (JLab) and more typical heavy ion physicists (BNL, LHC, etc).

During these two weeks, **10 lecturers**, experts in the field of QCD at asymptotical energies, have given a total of 48 hours of classes in front of up to 47 attendees (ranging from PhD students to researchers). Six of the PhD students have been given the opportunity to give a short seminar to explain what the topic of their work.

More details as well as a full list of participants and classes can be found at the following URL:

<https://indico.in2p3.fr/event/12948/overview>

The QCD school total budget was 22240€, among which \$5000 was funded by JSA. We have allocated about 10k€ of the total budget to help students attend the school (transport sometimes, local expenses for almost all foreign students).

We used the JSA funds specifically to pay for the transport and lodging of three of the foreign lecturers, as it was easier to account for. This division of the total budget was done arbitrarily:

- Transport and lodging of Olga ALTINOLIK (lecturer): 353 (transport) + 775 (lodging) =1138€
- Transport and lodging of Dimitri IVANOV (lecturer): 373 (transport) + 970 (lodging) =1343€
- Transport and lodging of Bowen XIAO (lecturer): 963 (transport) + 1109 (lodging) =2072€
- **TOTAL: 4553€, approximately \$5000**

The additional funds (17687€) came from:

- Brookhaven National Lab: \$5000 (~4500€)
- RBI-T-WINNING (Croatia European grant): 3187€
- P2IO conglomerate: 3000€
- QCD French research group: 4000€
- Local labs, including CEA Saclay: 3000€

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Note that we could not have funded this excellent QCD summer school without the help of JSA. Again we thank you.