

Status update of the CREMLIN+ Detector School

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International Organizing Committee meeting

August 27, 2021

Organizational plan

- ✓ Hold first LOC and IOC meetings and make them regular
- ✓ Gather ideas for the school
- ✓ Compile preliminary list of lectures and hands-on experiments
- ✓ Define max number of participants: about 50
- ✓ Determine the scope and format: Ion/nuclear physics, Particle physics, Neutron physics; lectures and elective hands-on exercises
- ✓ Define the date and duration: **July 4-15, 2022 (12 days)**
- ✓ Set up Indico
- Find lecturers
- ☐ Announce and advertise
- ☐ Organize student admission and selection
- ☐ Prepare the hands-on experiments
- ☐ Hold the school

Web resources

- Wiki-page for organizers:
https://ctd.inp.nsk.su/wiki/index.php/Detector_school_CREMLINplus
- Indico page of the School:
<https://indico.inp.nsk.su/event/41/>

CREMLINplus Detector School

from Monday, 4 July 2022 (09:00) to Friday, 15 July 2022 (19:00)
Budker INP

Legend: Sessions (blue), Talks (grey), Breaks (pink)

	4 Jul 2022	5 Jul 2022	6 Jul 2022	7 Jul 2022	8 Jul 2022	9 Jul 2022	10 Jul 2022	11 Jul 2022	12 Jul 2022	13 Jul 2022	14 Jul 2022	15 Jul 2022
AM	10:00 Welcome from BINP - Dr Pavel Logachov (BINP) ()	09:00 Lectures (until 11:00) ()	09:00 Lectures (until 13:00) ()	09:00 Lectures (until 13:00) ()	09:00 Lectures (until 13:00) ()	10:00 - Leisure activities - ()	09:00 - Leisure activities - ()	09:00 Lectures (until 13:00) ()	10:00 Lectures (until 14:00) ()	09:00 Lectures (until 13:00) ()	09:00 Lectures (until 13:00) ()	09:00 Lectures (until 13:00) ()
	10:15 Introduction to the school - Ivan Logashenko (BINP) ()	11:00 --- Excursions to BINP installations --- ()										
	10:30 Lectures (until 13:30) ()											
PM	13:30 --- Lunch --- ()	13:00 --- Group photo --- ()	13:00 --- Lunch --- ()	13:00 --- Lunch --- ()	13:00 --- Lunch --- ()			13:00 --- Lunch --- ()	14:00 --- Lunch --- ()	13:00 --- Lunch --- ()	13:00 --- Lunch --- ()	13:00 --- Lunch --- ()
	15:00 Hands-on exercises (until 19:00) ()	13:10 --- Lunch --- ()	14:30 Hands-on exercises (until 19:00) ()	14:30 Hands-on exercises (until 19:00) ()	14:30 Hands-on exercises (until 19:00) ()			14:30 Hands-on exercises (until 19:00) ()	15:30 Hands-on exercises (until 20:00) ()	14:30 Hands-on exercises (until 19:00) ()	14:30 Hands-on exercises (until 19:00) ()	14:30 School closing ()
	19:00 --- Welcome reception --- ()	14:30 Hands-on exercises (until 19:00) ()	19:30 --- Social Dinner --- ()									

- Planning spreadsheet:
https://docs.google.com/spreadsheets/d/1GhG-1pajMyffXE6BPpqz_VzSh1T-qbjMA-s3MtKKdol/edit?usp=sharing
 - Hands-on exercises
 - Lectures
 - Social events

Current expenses

- 2 FPGA kits for exercise “Introduction to FPGA”. (L.Epshtein), ~3900 Euro
- Desktop HVS for exercise “Large area scintillation counters for TAIGA experiment” (E.Kravchenko), ~6900 Euro
- GEMs for exercise “Time projection chamber” (A.Sokolov), ~1000 Euro
- Furniture for the BINP Computer class, 1200 Euro

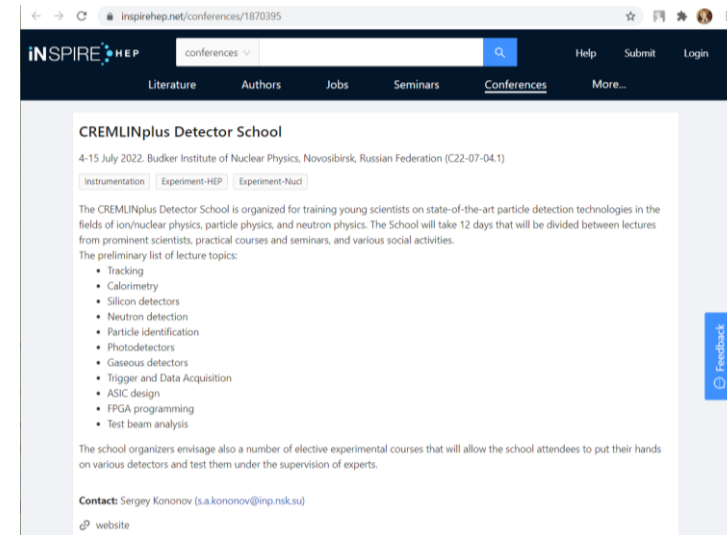
Announcements

- iNSPIREhep

<https://inspirehep.net/conferences/1870395>

- Submitted to CERN Courier

- TO DO: mailing lists, news (please advise)



Meeting with EDIT-2022 school organizer on 25/05/2021

- EDIT-2022 detector school will take place on July 04 – 15, 2022 at IHEP (Beijing, China) with physical presence
- Main organiser: ICFA Instrumentation Innovation and Development Panel
- Local organizer: Hongbo Zhu (IHEP)
- Approx. 60 students, with approx. 2/3 from China
- Lectures will cover 10 topics (particle physics (in China), silicon detectors, gaseous detectors, scintillator detectors, tracking, calorimetry, particle identification, electronics and signal processing, trigger and DAQ, quantum sensors)
 - 3 lectures per topic
 - Hands-on exercises
 - Test beam work at IHEP accelerator
 - Evening talks by experts (e.g. future colliders, neutrino experiments, quantum sensors, ...)

Meeting with EDIT-2022 school organizer on 25/05/2021 (cont'd 1)

Preliminary agreements

- Share the speaker candidate lists
- Each school settles on speakers by September 15th, 2021,
- Agree to work towards a common registration of applicants
- Can be set up on a common Indico page
- Common announcements for the two schools (mailing lists, iNSPIRE-hep, news articles, etc.)
- Announcements and opening of registration by end of September 2021

Meeting with EDIT-2022 school organizer on 25/05/2021 (cont'd 2)

Preparations to announcement

1. Web site of the school
2. Publicity poster of the school
3. Scientific focus of the school
4. Lecture programme and speakers, and other relevant info about the programme
5. Registration fee
 1. Is accommodation covered in the fee?
 2. Are meals covered in fee?
 3. Is there special financial support for some students?
 1. if yes, does it cover travel expenses?
 2. separate application form for requesting support needed?
6. Information requested for the selection process of applicants (common to both schools)
 1. E.g. CV, motivation letter, 2 letters of referees (templates, page limits, etc...)
7. Will there be a student poster session at the school?
 1. If yes, do we ask for abstracts already at registration?
 2. Information for applicants about visa requirements (provide relevant government links on the registration page)
8. Deadline for application (common to both schools)