

# Status and plans for the CREMLIN+ Detector School

*Sergey Kononov*

*Budker Institute of Nuclear Physics*

International Organizing Committee meeting

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## **Outline**

1. Fixing the start date
2. Organizational plan and status

# Start date poll results

- Two close leading candidates:
  - March 14, 2022 (Trump)
  - July 4, 2022 (Biden)

	Mar 14 MON	Jul 4 MON	Jul 5 MON	Nov 8 MON
19 participants	✓ 17	✓ 18	✓ 10	✓ 11
	★	★		
⊖ Viktor Bodnarchuk	✓	✓	✓	
⊖ Lucie Linssen / Dom...	✓	✓		
⊖ Tikhonov				✓
⊖ Gianni Bencivenni	✓	✓		
⊖ Alexander Barnyakov	✓	✓		
⊖ Jürgen Eschke	✓	✓	✓	✓
⊖ Christian J. Schmidt	✓	✓		✓
⊖ Andrey Sokolov	✓	✓	✓	
⊖ Margherita Primavera	✓	✓		✓
⊖ Richard Hall-Wilton	✓	✓		
⊖ Otilia Culicov	✓	✓	✓	
⊖ Evgeniy Kravchenko	✓	✓	(✓)	✓
⊖ Michael Düren	✓	✓	✓	✓
⊖ Ivan Logashenko	✓	✓	(✓)	✓
⊖ Mustafa Schmidt	✓	✓	✓	✓
⊖ Viktor Bobrovnikov	✓	✓		✓
⊖ Nicola De Filippis		✓		✓
⊖ G. Cibinetto	✓	(✓)	✓	
⊖ Sergey Kononov	✓	✓	✓	✓

# 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: in 2022 for 12 days
- Set up website and/or 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](https://ctd.inp.nsk.su/wiki/index.php/Detector_school_CREMLINplus)
- Indico page started:  
<https://indico.inp.nsk.su/event/41/>

## CREMLIN+ Detector School


4-15 July 2022  
Budker INP  
Asia/Novosibirsk time zone


Overview  
Participant List

Summer School for young scientists on particle detector technologies will be held at the Budker Institute of Nuclear Physics in Novosibirsk, Russia in July 2022. The school is organized in the course of the CREMLIN+ project supported by European Union's Horizon 2020 research and innovation programme.


# CREMLIN PLUS


Connecting Russian and European Measures  
for Large-scale Research Infrastructures

 This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 871072

 **Starts** 4 Jul 2022, 09:00  
**Ends** 15 Jul 2022, 18:00  
Asia/Novosibirsk

 **Budker INP**  
prospekt Akademika Lavrentieva 11  
Novosibirsk  
Russia  
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 There are no materials yet.





# Tentative list of lectures

from 16/09/2020 meeting

1. BINP HEP facilities
2. Tracking
3. Calorimetry
4. Silicon detectors
5. Neutron detection
6. Particle identification
7. Photodetectors
8. Gaseous detectors
9. Trigger and Data Acquisition
10. ASIC design
11. FPGA programming
12. Test beam analysis
13. Long-term history of TPC (or another detector) development

# Discussion

1. Do we need International advisory committee to help finding lecturers and for more student attraction? If yes, what are proposals for members?
2. Start looking for lecturers.
3. Session for poster or oral student talks on their previous work?
4. Other questions and proposals