

Programme des sessions

27-29 oct. 2021

**French-Ukrainian Workshop - Instrumentation
developments for High energy physics**

Accelerators and Nuclear Physics

IJCLab, Auditorium Joliot Curie + Auditorium Pierre Lehmann

mer. 27 octobre

09:00

Accelerators and Nuclear Physics: Accelerator 1**Session** | **Site:** IJCLab, 100/-1-A900 - Auditorium Joliot Curie | **Responsable de session:** Sergii Fomin

09:00 – 09:40

Geometrical optics method in the theory of scattering of fast charged particles in thin oriented crystal**Orateur**

Nikholai F. Shul'ga

09:45 – 10:00

Electromagnetic radiation generated by electrons in oriented crystalline tungsten: recent experimental investigation and possible applications**Orateur**

Mattia Soldani

10:10 – 10:25

Ionization energy loss of high-energy negatively charged particles channeled in silicon crystals**Orateurs**

I.V. Kyrillin, S.V. Trofymenko

10:30 – 10:45

Scattering cross-section at onset of the process of channeling of fast charged particles in crystal**Orateur**

Sergiy N. Shul'ga

10:50

ven. 29 octobre

16:35

Accelerators and Nuclear Physics: Accelerators and Nuclear Physics 1

Session | **Site:** IJCLab, 200/0-Auditorium - Auditorium P. Lehmann | **Responsable de session:** andriy ushakov

16:35 - 17:15

Electromagnetic probe in low-energy nuclear physics, from laser spectroscopy to electron scattering at IJCLab

Orateur

Dr Clément Delafosse

17:20 - 17:35

Irradiation capabilities for nuclear and high energy physics research at the LUE-40 linac

Orateur

Viktor Mytrochenko

17:40 - 17:55

Suppression of Emittance Growth of Externally Injected and Accelerated Electron or Positron Bunch due to Beam Loading

Orateur

Vasyl' Maslov

18:00 - 18:15

Double beta decay searches with bolometers: CUPID project and demonstrator with particle identification

Orateurs

Anastasiia Zolotarova, Anastasiia Zolotarova

18:20