



# Channeling 2018

## Monday, 24 September 2018

### S2.1 Channeling & Radiations in Various Fields (14:30 - 16:30)

-Conveners: Pavel Karataev

| time  | [id] title   | presenter  |
|-------|--|--|
| 14:30 | [76] Quantum Versus Classical Approach of Dechanneling and Other Incoherent Processes at High Energy in Aligned Crystals | Mr ARTRU, Xavier   |
| 15:00 | [6] Statistics of the Radiating Relativistic Electrons   | Dr BULYAK, Eugene  |
| 15:15 | [107] Physical Interpretation and Asymptotic Analysis of Particle's Energy Losses on the Polarization Radiation Process  | Dr KONKOV, Anatoly   |
| 15:30 | [22] Coherent Radiation from Modulated Electron Beams in a Compton Laser   | Ms FESHCHENKO, Anastasiia  |
| 15:45 | [69] Coherent Unipolar Cherenkov and Diffraction Radiation Generated by Relativistic Electrons                           | Dr NAUMENKO, Gennady   |
| 16:00 | [176] Partially Coherent Short-Wave Radiation of an Electron Bunch with Natural Asymmetric Distribution                  | Prof. GEVORGIAN, Lekdar  |
| 16:15 | [150] Parametric X-ray Radiation from Powders  | Dr KUBANKIN, Alexander<br>IRRIBARRA, Esteban<br>Mr KISHIN, Ivan<br>Mr NAZHMUDINOV, Ramazan |