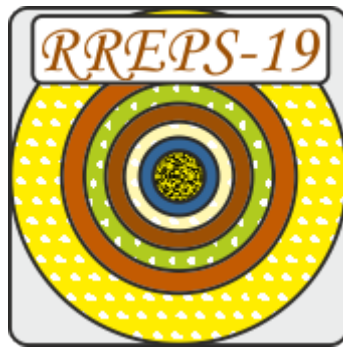


## **Session Program**

**15-20 Sept 2019**



## **Radiation from Relativistic Electrons in Periodic Structures "RREPS-19"**

***Crystal-assisted Processes***

# Thursday 19 September

14:40

## Crystal-assisted Processes

### Session

14:40–15:00

**Recent advances of crystal channeling in accelerating science.**

#### Speaker

Yury Chesnokov

15:00–15:20

**MEASUREMENTS OF CHARGE OF PARTICLES BY A SEMICONDUCTOR DETECTOR**

#### Speaker

Alexander Shchagin

15:20–15:40

**Possible method of spatial sizes measurement of relativistic electrons beam with small longitudinal bunch length**

#### Speaker

Prof. Igor Vnukov

15:40

16:00

## Crystal-assisted Processes

### Session

16:00–16:20

**APPLICATION OF SEMICONDUCTOR DETECTORS WITH SMOOTHLY TUNABLE THICKNESS IN SPACE TELESCOPE OF RELATIVISTIC CHARGED PARTICLES**

#### Speaker

Dr Alexander Shchagin

16:20–16:40

**Scintillation Signal Strong Enhancement in an Axially Oriented Lead Tungstate Crystal**

#### Speaker

Marco Romagnoni

16:40–17:00

**Manufacturing of Silicon Crystals for Steering of Ultra-High Energy Particle Beams**

#### Speaker

andrea mazzolari

17:00–17:20

**Angular anisotropy of multiple scattering in a crystal**

#### Speaker

Alexei Sytov

17:20