

Budker Institute of Nuclear Physics

Novosibirsk, Russia

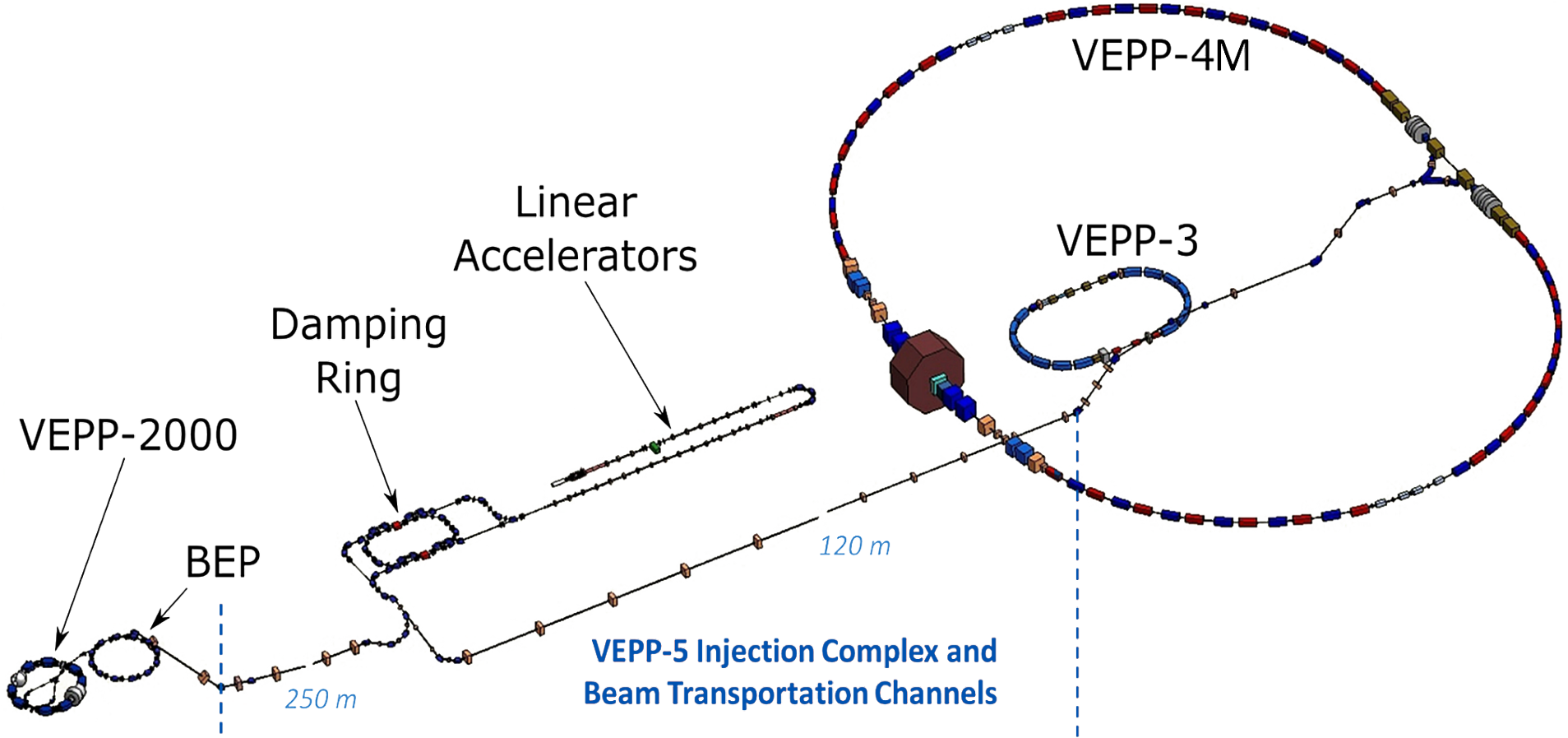


Pavel Cheblakov

Basic research

- Investigations in elementary-particle physics based on electron-positron colliders functioning and under construction.
- Investigations in electro- and photonuclear physics using charged particle storage rings.
- Investigations in plasma physics and controlled nuclear fusion based on open-confinement systems.

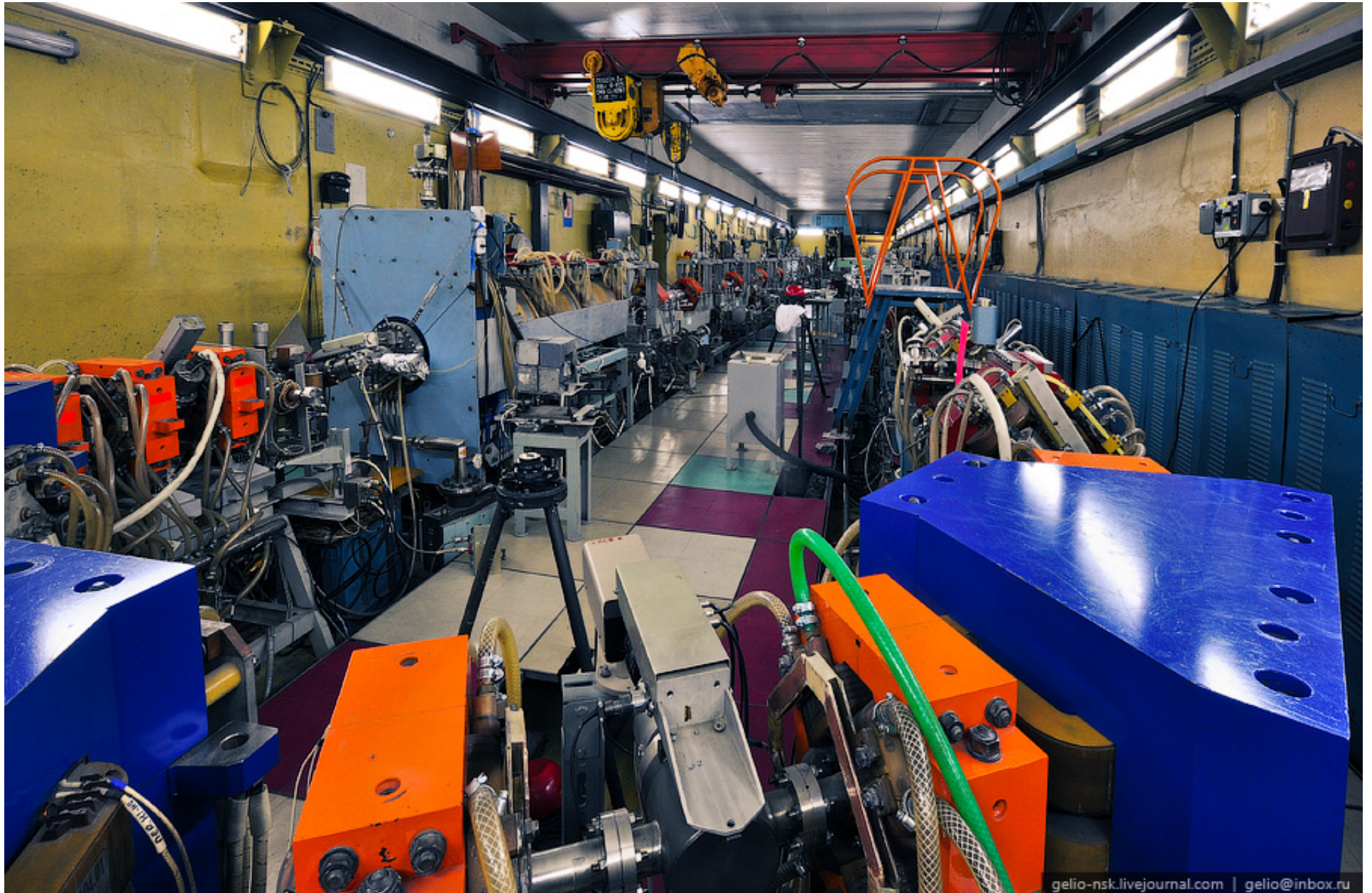
BINP's Accelerators Facilities



BINP's Accelerator Facilities



BINP's Accelerator Facilities



BINP's Accelerator Facilities



BINP's Accelerator Facilities



PLC Interlock for VEPP-4

- Wago PLC
- 7 PLCs
- 540 DI, dry contacts (thermostats)
- 40 AI for thermoresistors
- ~ 40 DO to PSs
- EPICS high level monitoring
- CSS/Web

NSLS-II BOOSTER INTERLOCK SYSTEM

- Temperature Control Subsystem
- Vacuum Control System
- Equipment Protection System
- Allen-Bradley CompactLogix Programmable Logic Controller
- EPICS with CSS