

# RuPAC XXI



## Russian Particle Accelerator Conference

Russian Academy of Sciences  
Federal Agency for Atomic Energy  
Russian Foundation for Basic Research  
Scientific Council for Particle Accelerators

**Zvenigorod'08**  
**28.09 - 03.10**

### Conference Topics

Modern trends of accelerator development  
Beam dynamics in accelerators and storage rings, cooling methods, new methods of acceleration  
High intensity cyclic and linear accelerators  
Heavy ions accelerators  
Colliders

Ion sources, electron guns  
Control and diagnostic systems  
Radiation problems in accelerators  
Accelerators for medical and industrial purposes  
Accelerating structures and power radio engineering  
Synchrotron radiation sources and free-electron lasers  
Magnetic systems, power supply and vacuum systems for accelerators  
Superconducting accelerators and technology of cryogenics

#### Organizing Committee

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### Russian Laboratories:

ITEP, BINP, Lebedev PI RAS, JINR, IHEP, Lomonosov MSU, IAP, Kurchatov RRC, TPU, MEFPh, INR, MRTI, NIIIEFA, Lomonosov PSU, Scantech Science, Gefest-Rostov

### Foreign Laboratories:

DESY (Germany), FZJ (Germany), CERN (Switzerland), IMP (China), INFN (Italy), TRIUMF (Canada), KIPT (Ukraine), GSI (Germany), iThemba Labs (South Africa), BNL (USA)

Participant number – 146

Oral talks – 65

Posters – 125

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<http://www.jacow.org>