

**Application of  
St. Petersburg Polytechnic University (Russia)  
for  
SHIP membership  
associated with PNPI NRC KI, St. Petersburg,  
Gatchina**

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St. Petersburg Polytechnic University**

# **Peter the Great St. Petersburg Polytechnic University (SPbPU)**

- **one the leading technical universities of Russia**
- **among the first universities to prepare  
scientists and engineers in nuclear physics and technology**
- **graduates: P. Kapitza, I. Pomeranchuk, I. Kurchatov, ...  
lecturers: L. Landau, G. Gamov, V. Gribov ...**

## SPbPU in high energy and particle physics:

- **PHENIX at RHIC**
- **ALICE at LHC (associated via PNPI, Gatchna, St.Petersburg)**
- **CBM at FAIR (associated via PNPI, Gatchna, St.Petersburg)**
- **PNPI scientists of ALICE, ATLAS and CMS:  
part-time staff and lecturers at SPbPU**

## ■ department of nuclear physics

-> students in particle and nuclear physics,  
nuclear medical applications:

Bc (~20/year ), Ms (~15/year), PhD (~2/year)

# SPbPU < - > SHIP

## Association via PNPI, Gatchna, St.Petersburg

- **SPbPU Bc, MS, PhD students**
  - **access to PNPI facilities:**
    - 1 GeV accelerator and technology base**
  - **expertise of PNPI staff**
- **-> should foster possible SPbPU participation in SHIP**
  - > SPbPU and SHIP**  
**would be mutually benefited**