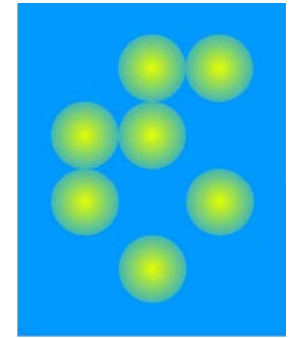


# Jožef Stefan Institute, Ljubljana, Slovenia

<http://www-f9.ijs.si>



National institute for natural sciences and technology

## Staff:

Institute: ~800 (1/2 with PhD)

Experimental Particle Physics Department :

    Researchers: ~25 (including faculty)

    PhD students: ~10

Main facilities: TRIGA Mark-III reactor, Tandem 2 MeV VdG

Experiments: ATLAS, Belle, Pierre Auger, HERA-B

# Expertise

(in experimental methodology)

- RICH detectors: DELPHI, HERA-B, Belle upgrade
- Si strip detectors: DELPHI, RD-48, 39, 50, ATLAS, Belle
- Diamond sensors: ATLAS BCM, RD-42, Belle
- Readout/ trigger electronics: HERA-B (RICH, tracker), Belle (SVD, PID upgrade)
- Medical applications: Si detectors for mammography, Compton camera, brachitherapy, PET
- Grid computing: EGEE-I&II (6<sup>th</sup> FP EU projects), NorduGrid, WLCG,
- Monte Carlo simulations (detector modelling, physics simulations),
- Lecturing at the University of Ljubljana
  - undergraduate and postgraduate courses: particle physics, detector techniques, electronics, analysis methods;
  - supervising diploma, MSc and PhD theses.