

IVANKA BOŽOVIĆ - JELISAVČIĆ

RESEARCH INTEREST

Electroweak physics: Precision measurements within and beyond SM. Heavy flavor physics. Physics and detector aspects of a linear collider.

EXPERIENCE

2004–2010 VINCA Institute of Nuclear Sciences Belgrade, Serbia

Associated Research Professor

- Founded and conducting a program of the Experimental High Energy Physics in the Laboratory of Physics.
- Represent the Vinca Institute of Nuclear Sciences in the Collaboration Boards of the FCAL/ILC and H1 Collaboration. Vinca Institute Team Leader at ATLAS and LCD projects at CERN.
- Luminosity measurement at future linear colliders.
- Coordinator of the German Scientific Foundation (DFG) project: Proton Structure and the Dynamics of Heavy Quarks at H1 Experiment.
- Scientific supervision in the course of postgraduate studies at University of Belgrade.

2000–2002 Deutsches Elektronen-Synchrotron (DESY) Zeuthen, Germany

Postdoctoral Research Fellow

- EW symmetry breaking at a linear collider: Anomalous trilinear gauge boson couplings. Pattern reconstruction for the forward tracker at TESLA.

1999–2000 VINCA Institute of Nuclear Sciences Belgrade, Serbia

Assistant Research Professor

- b-tagging at DELPHI

1997–1998 INFN/sezione di Padova Padua, Italy

Welcome Research Assistant

- Physics of heavy flavours at DELPHI. Semileptonic and rare b decays.
- First measurement of BR for the b cascade decay to charged lepton via c bar.
- PhD related publication published in Eur.Phys.J.C20:455-478, 2001, cited 19 times.

1995–1997 CERN Geneva, Switzerland

PhD within NCSR 'Demokritos' Athens Group at DELPHI

- Precise SM measurements at LEP 1. A_{FB} of heavy flavors at Z0 resonance.

EDUCATION

1999 University of Belgrade Belgrade, Serbia

- PhD in Experimental Particle Physics.

1995–1997 University of Belgrade Belgrade, Serbia

- Postgraduate studies in Experimental Particle Physics.
- *Summa cum laude.*

1995 University of Belgrade Belgrade, Serbia

- Graduated Physics with 9.34 of 10.

SCIENTIFIC RESULTS

DELPHI and H1 publications in the field of physics of EW interaction and heavy flavors, co-author of the Reference Design Report for the International Linear Collider. Talks given at over 30 international and national conferences. Referee for the Ministry of Science and Technological Development of the Republic of Serbia.