

Dr. IVANKA BOŽOVIĆ JELISAVČIĆ

Research Professor

IN SUMARRY

- (1999) First PhD thesis defended in Serbia related to an LEP experiment (CERN-DELPHI-THESES-209).
- (2004) Back to Serbia after doctoral and postdoctoral studies at CERN, INFN Padua and DESY.
- (2004 -) As a head of the HEP Group initiates over a decade, novel activities of the Vinca Institute of Nuclear Sciences at several HEP experiments (H1, ILC, ATLAS, CLIC and CEPC). Vinca Institute becomes scientific institution with the most diverse HEP activity in Serbia.
- (2005 -) Team leader of the Vinca Institute in the FCAL Collaboration at the ILC project.
- (2006-2011) Team leader of the Vinca Institute in the H1 experiment at DESY.
- (2006-2010) Leading the international project of the German Research Foundation (DFG) on proton structure study at the H1 experiment at DESY.
- (2008-2013) Team leader of the Vinca Institute in the ATLAS experiment at CERN.
- (2011) Referee of the Ministry of Education and Science for national projects evaluation.
- (2012) On the basis of the HEP group activity for the CLIC Detector and Physics Study, Vinca Institute and CERN have signed Memorandum of Cooperation.
- (2011- 2013) According to the 2011-2013 official statistics, the most successful scientist in Serbia (including collaboration papers) with affiliation of a Serbian institute. Head of one of the two the most successful national projects in physics.
- (2012-2014) Chair of the Physics Scientific Council at the Vinca Institute.
- (2012 -) Team leader of the Vinca Institute in the CLIC/CLICdp Collaboration.
- (2013) Member of the International Program Committee ECFA LC2013, Hamburg, Germany, May 2013.
- (2013-2015) Elected chair of the Board of Institute of the FCAL Collaboration.
- (2014-2015) Chair of the Speakers Committee of the CLICdp collaboration at CERN.
- (2014) Member of the Joint Organizing Committee LCWS14, Belgrade, Serbia, October 2014. Chair of the LCWS14 Local Organizing Committee.
- (2014-) Member of the LCC Conference Group.
- (2015- 2018) Member of the Vinca Institute Executive Board.
- (2015) Member of the International Advisory Committee LCWS15, TRIUMF, Canada, November 2015.
- (2015 -) Team leader of the Vinca Institute in the ILD Collaboration at the ILC project.
- (2016 -) Team leader of the Vinca Institute in the CEPC Collaboration. On the basis of the HEP group activity, Memorandum of Cooperation have been signed between the Vinca Institute and IHEP, Beijing on the CEPC project.
- (2017-) Member of the ILD Collaboration Publication and Speakers Bureau.

ACCTIVITIES & ROLES

- (At present) **Research Professor/ Senior Scientist at the Vinca Institute of Nuclear Sciences, University of Belgrade**
 - Head of the Experimental HEP Group at the Vinca Institute of Nuclear Sciences, Belgrade.
 - Professor at the University of Kragujevac, Faculty of Science and Physics Institute.
 - Leader of the national project 'Physics and Detector R&D in HEP experiments' funded by the Ministry of Education and Science of the Republic of Serbia.
 - Vinca Institute scientific contact for the HORIZON2020 projects: Advanced European Infrastructures for Detectors at Accelerators (AIDA2020) and The Europe-Japan Accelerator Development Exchange Programme (E-JADE).

Physics: Higgs physics at future e+e- colliders, Luminosity measurement at future e+e- colliders.
Detector: Instrumentation of the very forward region at ILC, CLIC and CEPC.

- (2016-) **Vinca Belgrade Team Leader at CEPC**
 - Physics: Integral luminosity measurement at CEPC
 - Detector: Mechanical and positioning requirements for a luminometer at CEPC
- (2012-) **Vinca Belgrade Team Leader at CLIC/CLICdp**
 - Physics: Higgs physics, couplings and CP properties
 - Academic: G. Milutinovic Dumbelovic, PhD thesis, CERN-THESIS-2017-349, University of Belgrade, 2017, mentor
- (2008-2013) **Vinca Belgrade Team Leader at ATLAS**
 - Physics: CP violation in Bs to J/Psi Phi decays;
 - Detector: Data quality at ATLAS
 - Academic: PhD supervision of T. Agatonovic Jovin, CERN-THESIS-2016-430, University of Belgrade, 2016
- (2006-2011) **Vinca Belgrade Team Leader at H1**
 - Physics: b-content of a proton
 - Detector: Data quality at H1
 - Academic: M. Pandurovic, PhD thesis, DESY-THESIS-2011-045, University of Belgrade, 2011, mentor. Supported by DGF project 436SER113/1/0-1, 2006.
- (2005-) **Vinca Belgrade Team Leader at FCAL**
 - Physics: Integral luminosity measurement at ILC
 - Detector: Luminometer design and occupancy
 - Academic: I. Smiljanic, PhD thesis, University of Belgrade, 2016, mentor. Supported by FP7-INFRASTRUCTURES-2010-1, Advanced Infrastructure for Detectors at Accelerators (AIDA) project.

EDUCATION

- (2000-2002) **Postdoctoral Research Fellow at DESY**, Zeuthen-Hamburg, Germany. TESLA project.
Physics: Anomalous TGCs at the TESLA photon collider
Detector: Development of the Full Reconstruction and Simulation program for TESLA (BRAHMS)/ pattern reconstruction for the forward tracker (FCH)
- (1999) PhD at the University of Belgrade 'Measurement of the semileptonic b branching fractions in the b reference frame with the DELPHI detector' (CERN-DELPHI-THESES-209), with the NCSR 'Demokritos' Athens affiliation.
- (1997-1998) **Welcome Research Assistant, Istituto Nazionale di Fisica Nucleare (INFN) Padova**, Italy. DELPHI experiment at LEP, CERN.
Physics: DELPHI group for semileptonic and rare b decays
Detector: Data quality at DELPHI
- (1995-1997) **Master student in the NCSR 'Demokritos' Athens DELPHI group at CERN**.
Member of the EW Super Team.
Physics: Precision EW observables at LEP. A_{FB} in b-quark system at the Z^0 pole.
Detector: Data quality at DELPHI
- (1995) Graduated physics at the University of Belgrade with 9.34/10.00.

PERSONAL

Born on the 20th of October 1966 in Belgrade, Serbia. Mother of two daughters. Published four books of poetry. Member of the Association of Serbian Writers.