

Curriculum Vitae

Personal Information

Dr Ilija Bizjak

Place of Birth: Ljubljana, Slovenia
Nationality: Slovenian

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Education

Faculty of Mathematics and Physics, University of Ljubljana, Slovenia

- Oct 2005 PhD in Elementary Particle Physics
- 2001-2003 Graduate Course in Particle Physics at Faculty of Mathematics and Physics
 - 2001 Qualified for the position of Young Researcher
In the field of particle physics at the Jozef Stefan Institute, Ljubljana
 - 2001 The dissertation was awarded the Faculty Preseren award
 - 2001 Graduated (*MSc*) with top marks
- 1997-2001 Undergraduate programme in Mathematical Physics

Work experience

- 2008 → Member of the ATLAS collaboration at CERN, Geneva, Switzerland
- 2006 → Post-doctoral Research Fellow at University College London
 - Simulation, analysis of data, preparing software (C++, perl scripts)
- 2005 → Member of the CDF Collaboration at Fermi National Laboratory, Illinois, USA
 - Managed the Project of designing and preparing the subdetector Monitoring software (Java, perl scripts)
- 2005-2006 Member of the Heavy Flavour Averaging Group, international committee for averaging results from different experiments
 - Preparing statistical averages and interpretation of results (Mathematica, C++)
- 2001-2005 Member of the Belle Collaboration at KEK, Tsukuba, Japan
 - Simulation, analysis of data, preparing software (C++, perl scripts)
- 2002-2005 Young Researcher at the Jozef Stefan Institute
 - 2000 2 month Summer internship at the DESY institute, Hamburg, Germany

Honours and awards

- 2009 Golden J. Stefan Emblem for best PhDs in science in the past 3 years
- 2007-2008 2-year research fellowship from Slovenian National Research Agency
- 2006 Selected to present at the House of Commons: 'Britain's Early-Career Research Physicists'
- 2002-2005 Young Researcher's grant in the field of particle physics
 - 2001 Faculty Preseren award for best *MSc* dissertations in Physics and Mathematics
- 1999-2001 Awarded the Zois Scholarship for talented students

Teaching

- 2005 → Teaching assistant at the Department of Physics, University College London
 - Classical Mechanics, Mathematical Methods I & II, project supervision
- 2002-2005 Teaching assistant and Grader for Physics, University of Ljubljana

Conference talks and seminars

- 2010 Seminar at University of Pennsylvania (UPenn), USA
- 2008 Conference Talk at HCP08: Galena, Illinois, USA
- 2005 Conference Talk at PANIC05: Santa Fe, New Mexico, USA
- 2005 Conference Talk at CKM2005: San Diego, California, USA
- 2003 Conference Talk at Weak Interactions and Neutrinos in Lake Geneva, Wisconsin, USA
- 2006 Seminar at Cambridge University
- 2005 Seminar at Stanford Linear Accelerator Center (SLAC)
- 2005 Seminar at University of California at San Diego (UCSD)
- 2005 Seminar at California Institute of Technology (CALTECH)

Leadership, organization and public outreach

- Jan 2007 Organiser of YETP'07, Winter School on Statistics, Durham
- 2006 Several initiatives how to improve physics lectures at University College London
- 2005 Participation in the Forum “Young people and the knowledge for the future”, organized by the Ministry for Higher Education of Slovenia for the European Commission
- 2004 Radio debate on research in Slovenia with the European Commissioner for Science and Research
- 2003 Organizer of the Jozef Stefan Institute Open Days 2003
- 1997 Organized and coordinated a voluntary school-supported group for help in better learning

Skills

General	good communication skills and ability for team work
Programming Languages	C++, Java
Data Analysis packages	Paw, Root
Scripting languages	Perl, Unix shell scripts
Software	LaTeX, Mathematica, Excel, Powerpoint
Spoken languages	fluent Slovene, English functional German, Italian, Croatian

Extracurricular activities and sports

- 2004 Course in Physical Theatre (Contemporary dance)
- 1997-2002 Member of an Improvisation Theatre group
- 2008→ Treasurer (2008-2009) and President (2009-2010), UCLU Basketball Men Society
- 2008→ Member of the UCLU Men 1st Basketball Team, University Leagues (BUCS, ULU)
- 1997-2004 Faculty of Mathematics and Physics Basketball team, National University League
- 1990-1996 Basketball team Smelt Olimpia, competing on a national level