

CURRICULUM VITAE

IRIS BORJANOVIC

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PERSONAL DETAILS

Gender: Female
Date of birth: 12th of July, 1976
Place of birth: Zrenjanin, Serbia and Montenegro
Present Citizenship: Serbia and Montenegro

CURRENT POSITION

| | |
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| May 2005 | Graduate student, Physics Department, University of Lecce, INFN Lecce, Italy |
| Since 2001 | Research Assistant, Institute of Physics, Belgrade, Serbia and Montenegro |

EDUCATION

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|---------------|--|
| December 2004 | M.Sc. in Physics, Dissertation entitled <i>Supersymmetric searches at ATLAS</i> , Supervisor: Dr. Jelena Krstic. CERN-THESIS-2005-006 http://cdsweb.cern.ch/search.py?sysno=002508455CER |
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Post Graduate

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| 2001–2004 | M.Sc. student at the Faculty of Physics, University of Belgrade and Institute of Physics. |
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2000 Diploma (graduation) in Physics,
Efficiency for W boson reconstruction from top quark decay at LHC
Supervisor: Prof. Dr. Goran Skoro.

University

1995–2000 Faculty of Physics, University of Belgrade, Serbia and Montenegro,

School

1991–1995 Secondary school, in Zrenjanin, Serbia and Montenegro

1983–1991 Elementary school in Zrenjanin, Serbia and Montenegro

AWARDS

2000 Prize for the "Best 1000 Students in Serbia",
Norway Embassy in Belgrade.

PUBLICATIONS

ATLAS Scientific Note, published in Journal

Borjanović I. *et al.*
Investigation of the top mass measurements with the ATLAS detector at LHC
ATLAS Scientific Note, SN-ATLAS-2004-040, Geneva: CERN
02 March 2004.
<http://cdsweb.cern.ch/>
[arXiv:hep-ex/0403021](http://arxiv.org/abs/hep-ex/0403021),
Eur Phys J C **39**, s2, s63-s90 (2005),
DOI 10.1140/epjcd/s2004-02-004-8

ATLAS Note

Simić, Lj., Škoro, G., Mendaš, I., Popović, D. and Borjanović, I.
All hadronic decay of $t\bar{t}$ pairs at LHC,
ATLAS Note, ATL-PHYS-2002-009; Geneva: CERN
10 March 2002.
<http://cdsweb.cern.ch/>

ATLAS Internal Note

Borjanović, I., Krstić J., Popović D.

SPS 5 mSUGRA studies at ATLAS,
ATLAS Internal Note, ATL-PHYS-INT-2005-001; Geneva: CERN
18 April 2005.
<http://cdsweb.cern.ch/>

Conference Publications in Journals

I. Borjanović, J. Krstić, D. Popović
SUSY Studies with Snowmass Point 5 mSUGRA Parameters,
Physics at LHC, 13-17 July 2004., Vienna
<http://wwwhephy.oeaw.ac.at/phlh04/>
ATL-COM-PHYS-2004-049 ; Geneva: CERN, 12 Sep 2004,
to be published in Czeh. Journal of Physics, Suppl A

I. Borjanović
SUSY signatures at ATLAS,
HEP2005 International Europhysics Conference on High Energy Physics, 21-27 July 2005, Lisbon, Portugal.
<http://www.lip.pt/events/2005/hep2005/talks/session15.html>
ATL-PHYS-CONF-2005-012; Geneva; CERN; 2005
<http://cdsweb.cern.ch/>
to be published in JHEP proceedings

Conference Proceedings

M. Bianco *et al.*
ATLAS RPC QA results at INFN Lecce,
to be published in AIP proceedings ,
XXV Physics in Collision 2005, Prague, Czech republic, 6-9
July 2005.

I. Borjanović, J. Krstić, D. Popović:
Analiza kinematičke granice dileptonskih mSUGRA događaja,
Zbornik radova sa kongresa fizičara Srbije i Crne Gore,
Petrovac (Montenegro), 3-5 June, 2004., p. 81-84.

I. Borjanović, J. Krstić, D. Popović:
Analiza raspada mSUGRA levog kvarka,
Zbornik radova sa kongresa fizičara Srbije i Crne Gore,
Petrovac (Montenegro), 3-5 June, 2004., p. 77-80.

J. Krstić, I. Borjanović, M. Milosavljević:
Direct Light Stop Production at LHC,
Proceedings of the Fifth General Conference of the Balkan

Physical Union,
BPU-5, Vrnjačka Banja (Serbia), 2003., p. 435-439.
<http://www.phy.bg.ac.yu/bpu5>

J. Krstić, I. Borjanović, M. Milosavljević:
Light Stop Production through Gluino Decay at LHC,
Proceedings of the Fifth General Conference of the Balkan
Physical Union,
BPU-5, Vrnjačka Banja (Serbia), 2003., p. 441-444.
<http://www.phy.bg.ac.yu/bpu5>

I. Borjanović, Lj. Simić, G. Škoro, D. Popović:
 *$\gamma\gamma$ Decay Mode for Higgs Produced in Weak Boson Fusion
at the LHC*,
Nuclear and Particle Physics, SFIN year XV Series A: Con-
ferences, No A2 (2002),
YUNFEČ 2001, Studenica (Serbia) 2001., p. 225-228.

I. Borjanović, Lj. Simić, G. Škoro, D. Popović:
*Predictions of Leading Order QCD Generators for Hadronic
Top Quark Decay at LHC*,
Nuclear and Particle Physics, SFIN year XV Series A: Con-
ferences, No A2 (2002),
YUNFEČ 2001, Studenica (Serbia) 2001., p. 229-232.

Conference Talks

I. Borjanović, J. Krstić, D. Popović:
SPS 5 SUSY Studies at ATLAS,
Four Seas Conference, Istanbul, 5-10 September, 2004.
<http://lemoigne.home.cern.ch/lemoigne/psfweb/Istanbul.htm>

Workshop talks

I. Borjanović
SUSY (s)lepton flavour studies with ATLAS
Flavour in the era of the LHC, 7-11 November 2005, CERN
<http://mlm.home.cern.ch/mlm/FlavLHC.html>

Presentations on SUSY WG Meetings

I. Borjanović, J. Krstić:
Stop at SPS Point 5,
SUSY WG Meeting, Geneva CERN, 28 June 2004.

<http://agenda.cern.ch/fullAgenda.php?ida=a042411>

I. Borjanović, J. Krstić:
SPS Point 5 Studies,
SUSY WG Meeting, Geneva CERN, 25 February 2004.
<http://agenda.cern.ch/fullAgenda.php?ida=a04804>

I. Borjanović, J. Krstić:
Stop at SPS5,
SUSY WG Meeting, Geneva CERN, 25 February 2004.
<http://agenda.cern.ch/fullAgenda.php?ida=a04804>

Seminars

I. Borjanović
SPS5 SUSY searches at ATLAS,
INFN Section Lecce, Lecce, 28 February 2005.

I. Borjanović
Study of slepton non-universality at ATLAS,
INFN Section Napoli, Napoli, 23 September 2005.

Presentations on HEP Schools

I. Borjanović:
Signal and Background Study for the $t\bar{t}$ all hadronic decay at LHC,
2001. European School of High-Energy Physics,
Beatenberg 26 Avgust-8 Septembar 2001.,
Proceedings, CERN 2002-002, 28 June 2002.

I. Borjanović:
Signal and Background Study for the $t\bar{t}$ all hadronic events at LHC,
Adriatic School on Particle Physics and Physucs Informatics,
11-21 September 2001., Split (Croatia)
<http://www.unist.hr/adriaticschool/>

LANGUAGE KNOWLEDGE

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| Serbian | native |
| English | fluently |
| German | basic |