

Biographical Sketch for Željko Ivezić

Professional Preparation

University of Zagreb	Mechanical Eng.	B.Sc.	1990
University of Zagreb	Physics	B.Sc.	1991
University of Kentucky	Physics	Ph.D.	1995
University of Kentucky	Astrophysics	Postdoc	1995-1996
Princeton University	Astronomy	Postdoc	1997-1999

Appointments

University of Washington	Professor	2010-present
University of Washington	Associate Professor	2006-2010
University of Washington	Assistant Professor	2004-2006
Princeton University	H.N. Russell Fellow	2002-2004
City University of New York	Assistant Professor	1998-2002
Princeton University	Research Staff Member	1999-2002
Princeton University	Postdoctoral Researcher	1997-1999
University of Kentucky	Postdoctoral Scholar	1995-1996
University of Kentucky	Research Assistant	1991-1995
University of Zagreb	Teaching Assistant	1990-1991

Publications

- Related Publications

- Kimball, A., Ivezić, Ž., Wiita & Schneider 2011, *Correlations of Quasar Optical Spectra with Radio Morphology*, *Astronomical Journal*, 141, 182.
- MacLeod, C., Ivezić, Ž., et al. 2010, *Modeling the Time Variability of SDSS Stripe 82 Quasars as Damped Random Walk*, *Astrophysical Journal*, 721, 1014.
- McGurk, R., Kimball, A. & Ivezić, Ž. 2010, *Principal Component Analysis of SDSS Stellar Spectra*, *Astronomical Journal*, 139, 1261.
- Palaversa, L., Ivezić, Ž., et al. 2013, *Exploring the Variable Sky with LINEAR. III. Classification of Periodic Light Curves*, *Astronomical Journal*, 146, 101.
- Parker, A., Ivezić, Ž., et al. 2008, *The Size Distributions of Asteroid Families in the SDSS Moving Object Catalog 4*, *Icarus*, 198, 138.

- Other Significant Publications

Ivezić, Ž., Beers, T.C. & Jurić, M. 2012, *Galactic Stellar Populations in the Era of the Sloan Digital Sky Survey and Other Large Surveys*, Annu. Rev. Astron. Astrophys., 50, 251.

Ivezić, Ž., Tyson, J.A., Acosta, E., et al. 2008, *LSST: from Science Drivers to Reference Design and Anticipated Data Products*, arXiv:0805.2366.

Nenkova, M., Ivezić, Ž., & Elitzur, M. 2002, *Dust Emission from Active Galactic Nuclei*, Astrophysical Journal, 570, L9.

Ivezić, Ž., Menou, K., Knapp, G.R. et al. 2002, *Optical and Radio Properties of Extragalactic Sources Observed by the FIRST Survey and the Sloan Digital Sky Survey*, Astronomical Journal, 124, 2364.

Ivezić, Ž., Tabachnik, S., Rafikov, R., et al. 2001, *Solar System Objects Observed in the Sloan Digital Sky Survey Commissioning Data*, Astronomical Journal, 122, 2749.

Synergistic Activities

LSST Project Scientist and the chair of LSST Project Science Team.

Co-developer of the code DUSTY for solving the radiative transfer problem for a source embedded in a dusty envelope. The code is publicly available (<http://www.pa.uky.edu/~moshe/dusty>) and is used world-wide by over 50 research groups.

Co-developer of processing algorithms for astronomical image analysis, and of a test suite for quality assurance, in support of the Sloan Digital Sky Survey.

Co-author of the publicly available Sloan Digital Sky Survey Moving Object Catalog (<http://www.sdss.org/science/index.html>) (the largest catalog of multi-color asteroid photometry).

Collaborators & Other Affiliations

- Collaborators

The SDSS Collaboration, The LSST Collaboration (the full list is much longer than 2 pages).

The closest collaborators include Moshe Elitzur, Jill Knapp, Jim Gunn, Robert Lupton, Andrew Becker, Gordon Richards, Pat Hall, Daniel Vanden Berk, Xiaohui Fan, and Paul Wiita.

- Graduate and Postdoctoral Advisors

Moshe Elitzur, University of Kentucky, Gillian Knapp, Princeton University

- Thesis Advisor and Postgraduate-Scholar Sponsor: Amy Kimball, Branimir Sesar, Michael Solontoi, Chelsea MacLeod, Sarah Loebman, Lynne Jones, Peter Yoachim.