

Research and work experience

Aug/2015 – today: Associate professor, Physics department Faculty of Science University of Zagreb, Zagreb, Croatia

Nov/2010 – Jul/2015: Assistant professor, Physics department Faculty of Science University of Zagreb, Zagreb, Croatia

Feb/2010 – Jan/2013: ESO ALMA COFUND Fellow, Argelander Institute for Astronomy, Bonn, Germany; European Southern Observatory, Garching, Germany

Jan/2008 – Jan/2010: CARMA Postdoctoral Scholar, California Institute of Technology (Caltech), PaUSAena, CA, USA

Oct/2004 – Nov/2007: Max-Planck Institut für Astronomie (MPIA); Ruperto-Carola University, Heidelberg Germany (PhD obtained with "magna cum laude")

Feb/2003 – Apr/2004: Princeton University Observatory, Peyton Hall, Princeton, NJ, USA; Physics department Faculty of Science University of Zagreb, Zagreb, Croatia (Masters)

Education

Graduate studies and PhD thesis (2004–2007)

- Ruperto-Carola University, Heidelberg, PhD defense 19.12.2007.
- International Max Planck Research School (IMPRS) for Astronomy and Cosmic Physics, Ruperto-Carola University, Heidelberg
- Max-Planck Institut für Astronomie, Heidelberg, Germany
- Thesis title (Dr. rer. nat): *The Faint Radio Population in the VLA-COSMOS Survey: Star Forming Galaxies and Active Galactic Nuclei*
- Supervisors: Dr. Eva Schinnerer, Prof. Dr. H.-W. Rix

Undergraduate studies and Masters thesis (1998–2004)

- Physics department Faculty of Science University of Zagreb, Zagreb, Croatia, Masters thesis exam 16.4.2004.
- Princeton University Observatory, Peyton Hall, Princeton, NJ, USA
- Thesis title: Photometric properties of *SDSS DR1 galaxies*
- Supervisors: Prof. Dr. Z. Ivezić, Prof. Dr. K. Pavlovski

Awards

Research grants (total ~1,7 million €); recent grants listed:

- ICRAR visiting fellowship for senior women in astronomy (2 months, 2015, 15,000 AUD)
- HRZZ doktorand (2 year funding for PhD student, start 1.1.2015.)
- European Research Council Starting grant, 2013. (5 year duration, start 1.2.2014., 1,500,000€)
- Marie Curie Career Integration Grant, 2013. (4 year duration, start 1.3.2013., 100,000€)

Awards:

- COSMO scientist of the year awarded by the Croatian Cosmopolitan magazine 2015.
- Nomination for 'person of the year' by leading Croatian newspaper Večernji lista 2014. & 2015.
- Faculty of Science award for significant science contribution and raising the reputation of the Faculty of Science, 2014. (2500HRK)
- Zagreb female person of the year awarded by the City of Zagreb 2014. (50,000HRK)
- Ernst Patzer Award, 2006. (for best publications of young MPIA scientists, ~2,000€)
- University of Zagreb Rektor's award for best students research projects, 2003. (~2,000HRK)

Education/research training:

- Bosch foundation Fast Track Program, 2012. (~2,400€)

Functions:

- Member of the COSMOS project 'scientific steering committee' (since 2012)
- Member of the XXL project 'scientific steering committee' (since 2016)
- Head of the Scientific Section of the Croatian Physical Society (since 2014)

- Head of graduate studies module ‘Astrophysics’ within ‘Atomic and molecular physics and astrophysics’ at University of Zagreb (since 2014)
- Member of the Graduate studies board at the University of Zagreb (since 2014)
- Head of Croatian Physical Society group ‘Women in physics’ (since 2013)

Membership in collaborations and societies

- Cosmic Evolution Survey (COSMOS; PI: N. Z. Scoville; Caltech; USA); Scientific Steering Committee member and lead of radio follow-up aspects and related science
- Ultimate XMM Extragalactic Survey (XXL Survey; PI: M. Pierre; CEA, France); Scientific Steering Committee member and lead of radio follow-up aspects and related science
- EMU: Evolutionary Map of the Universe (PI: R. Norris)
- SKA continuum science working group (core member)
- Sloan Digital Sky Survey (SDSS)
- Large Synoptic Survey Telescope (LSST)
- Croatian Physical Society (HFD)

Professional/academic experience and activity

- (Co-)author of 84 refereed publications in Current Content journals since 2003 with over 10,100 citations (at 26, with over 720 citations, the only, leading or co-leading author); H-index 40 (based on ADS)
- Presented over 50 scientific talks at institutes and universities around the globe, international conferences, workshops and symposia (>20 invited talks/institute colloquia)
- Regular refereeing in Current Content journals (MNRAS, ApJ, AJ) and national foundations
- Member of CARMA, Chandra, OPTICON, Gemini, LMT ‘time allocation committees’ (TACs)
- Chair/member of 8 scientific and local organizing committees (SOC & LOC)

Teaching and mentoring

Since 2007 held over a total of 687 teaching “norm-hours”, mentored nine Masters and four PhD theses, as well as nine refereed publications in co-authorship with undergraduate, graduate students, and postdocs, introduced two new undergraduate (‘Modern astrophysical techniques’, ‘Selected topics in astrophysics’) and one new graduate course (‘Observational cosmology’) at the University of Zagreb, regularly graded with the best grades by the students.

Outreach activities

Over 10 TV & Radio Interviews, highlighting here the 40-minute TV interview (2014) within the TV-show ‘Damin Gambit’ interviewing only outstanding, highly successful women in Croatia. Over 15 articles about me and my project (and one science press-release) in national newspapers and magazines (Jutarnji list, Vecernji list, Slobodna Dalmacija, Croatia Airlines Magazine, IQ, Cosmopolitan, Forbes) were published. Elected as the Scientist of the Year by the Cosmopolitan Magazin (2015), Zagreb Female Citizen of the Year (2014, ‘Zagrepanka godine’), nominated twice for the Person of the Year by Vecernji list (2014 and 2015), and awarded by the Faculty of Science for special achievements. Enlisted within top successful people in Croatia by the Forbes magazine (‘Generation 2013’).

5 best refereed publications in the last 5 years

1 Smolčić, V., et al., 2017, *A&A*, 597, 4, *(Sub)millimetre interferometric imaging of a sample of COSMOS/AzTEC submillimetre galaxies III. Environments* Vernesa Page 2 08/03/17

2 Smolčić, V., et al., 2015, *Advancing Astrophysics with the Square Kilometre Array (AASKA14)*, 69, *Exploring AGN Activity over Cosmic Time with the SKA*

3 Smolčić, V., et al. 2015, *A&A*, 576, 127, *Physical properties of $z > 4$ submillimeter galaxies in the COSMOS field*

4 Toft, S.; Smolčić, V.; et al. 2014, *ApJ*, 782, 68, *Submillimeter Galaxies as Progenitors of Compact Quiescent Galaxies*

5 Smolčić, V., et al. 2012, *A&A*, 548, 4, *Millimeter imaging of submillimeter galaxies in the COSMOS field: Redshift distribution*