

Curriculum vitae

Jaša Čalogović

Personal

Address:

Srpanjska 10, 10000 Zagreb

Tel: +385 (0)91 7886 498, +385 (0)1 3872 618

Faculty of Geodesy

Kačićeva 26, 10000 Zagreb

Tel: +385 (0)1 4639 279

E-mail: jcalogovic@geof.hr



Date and place of birth: 24.3.1980, Zagreb

Citizenship: Croatian

Education

2005

Diploma in Environmental Sciences (MSc ETH) at Swiss Federal Institute of Technology (ETH Zürich): an interdisciplinary study aimed at analyzing environmental problems using scientific methods; Specialization in the field of Physics and Atmosphere

1998 – 1999

Juventus School, Zürich: preparation for ETH entry exams
German language course

1994 – 1998

High School in Zagreb, Croatia

Experience

2007 - present

Research Assistant at Hvar Observatory, Faculty of Geodesy, University of Zagreb, Croatia.

Dec. 2005 – Oct. 2006

Research Assistant at Physikalisches Institut, University of Berne, Switzerland: Study of the impact of cosmic rays on cloud cover, development of Matlab scripts to analyze clouds data

Feb. 2005 – Sep. 2005

Diploma Work at EAWAG, Dübendorf, Switzerland: Forbush decreases and cloud cover - the impact of cosmic rays on Earth climate

2004

Semester projects at ETH Zürich:

- Light pollution - situation, impacts, solutions
- Success story of ICIPE in Kenya - sustainable agriculture in Africa

2003

ETH-UNS Case Study (ETH Zürich): Recreation in Basel – mobility and city development in the future”

Nov. 2002 – Mar. 2003

Practical training at Paul Scherrer Institute (PSI), Villigen, Switzerland: Analysis of PAHs degradation and the development of corresponding chemical models using the PSI smog chamber

Awards

2006

2nd Prize Poster Award at “Research at Jungfrauoch – Top of Science” Conference (11.-14.9.2006), Interlaken, Switzerland

Languages

German: fluent, level C2 in the European language scale

English: fluent, level C1 in the European language scale

Croatian: mother tongue

Computer knowledge

Operating systems: Unix (Linux) & Windows

Programming languages: PHP, Perl, C, HTML

Matlab, MS Office, Adobe Photoshop, Macromedia

Dreamweaver, Mathematica, Corel Draw, Igor Pro.

Personal interests

Astronomy, photography, web-publishing,
windsurfing, diving, free climbing.

Publications

- J. Čalogović, F. Arnold, L. Desorgher, E. O. Flückiger, J. Beer; „Sudden Cosmic Ray Decreases: No Change of Global Cloud Cover“, submitted to ***Nature***
- J. Čalogović, F. Arnold, L. Desorgher, E. O. Flückiger, J. Beer; „Forbush Decreases and cloud cover“, to be submitted to ***Journal of Geophysical Research***
- J. Čalogović, B. Vršnak, M. Temmer, A. Veronig; „Cosmic ray modulation by corotating interaction regions“, ***Proceedings IAU Symposium No. 257***, 2008, in press
- Vršnak B., D. Vrbanec, J. Čalogović, T. Žic; “The role of aerodynamic drag in dynamics of coronal mass ejections”, ***Proceedings IAU Symposium No. 257***, 2008, in press
- B. Vršnak, D. Vrbanec, J. Čalogović; “Dynamics of coronal mass ejections - The mass-scaling of the aerodynamic drag”, ***Astronomy and Astrophysics 490*** (2008), 811-815

Posters at conferences: AGU Fall Meeting 2005 (5.-9.12.2005, San Francisco, USA); COSPAR 2006 (16.-23.7.2006, Beijing, China); European Cosmic Rays Symposium (5.-8.9.2006, Lisbon, Portugal); Research at Jungfrauoch – Top of Science (11.-14.9.2006, Interlaken, Switzerland), IAU Symposium No. 257 – Universal Heliophysical Processes (15.-19.9.2008, Ioannina, Greece), IXth Hvar Astrophysical Colloquium – Solar minimum meeting (22.-26.9.2008, Hvar, Croatia).