

Branimir Acković

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EDUCATION

1997-2003 Faculty of Electrical Engineering in Nis, Serbia.

SKILLS

Science Popularization; Teaching Science to high school students; Linux Systems and Servers; C, FORTRAN programming; Managing and organization of events and jobs; Fluent in English.

WORKING EXPERIENCE SUMMARY

2012 – present Strategic Growth Unit, Institute of Physics, Belgrade, Republic of Serbia

- Turning IPB Scientific projects in to Commercial Products (Project with World Bank)
- Reorganization of IPB units and services
- Setting up Document Management System

1996 – present Petnica Science Center, Petnica, Valjevo, Republic of Serbia

(Petnica is an active science teaching station for high-schoolers from former Yugoslavia. I started there as high school student, was a junior assistant for several years, senior associate, head of Physics Department, Head of Laboratory)

- Head of Physics and Electronics Laboratory
- Designed Laboratory for Physics and Electronics (about 500kEUR of equipment)
- Organized and gave more than 100 seminars, each with about 20 – 30 students
- Gave more than 300 lectures on Electronics, Physics, Astronomy, and Computer Science
- Directly supervised more than 30 high-school student projects

2005– 2012 Scientific Computing Laboratory, Institute of Physics, Belgrade, Republic of Serbia

- Designing, installing, and maintaining Computer clusters, Computer Rooms, Hardware and Software
- GRID Computing (gLite, LCG), Installed about 10 GRID sites, Trainer at about 20 GRID workshops
- Network Administrator
- Developed scientific computing code, Simulations of Planetary Systems Formation
- Publish several scientific papers on Planetary systems formation models and High Performance Computing

2012 – 2013 Center for the Promotion of Science, Belgrade, Republic of Serbia

- Setting up Science Club in Belgrade
- Organized about 100 lectures on Centers events
- Working with Science Team on making experiments, equipment and demonstration material
- Giving guidelines to Architecture team for projecting building for Center of the Promotion of Science

2010 – 2012 TEDxBelgrade, Belgrade, Republic of Serbia

- Licensee 2011 and 2012, TEDxBelgrade organizer, Speakers preparation
- Took part in TEDxSummit – TEDx organizers conference, Doha, Qatar

2004 – 2005 and 2010 Astronomical Observatory, Belgrade, Republic of Serbia

- Network and system administration, Designing Computer Cluster and Computer Network
- Organized several conferences
- Setting up and maintaining Space Weather Equipment on Astronomical Station Vidojevica
- Published several papers on Space Weather Equipment and data analysis

2006 – 2008 Institute for Education Quality and Evaluation, Belgrade, Republic of Serbia

- Moodle based System for Online Evaluation and Education Quality Testing (SEPP)

2000 – 2004 Smart Lab Systems, Nis, Federal Republic of Yugoslavia

- Developed data acquisition sensor systems for school labs
- Developed educational software for high schools

Scientific and Science Popularization Publications (selection)

A. Bogojevic, A. Lalovic and B. Ackovic: "Model of Binary System Formation" Publ. Astron. Obs. Belgrade 80 (2006) 123

V. Slavnic, B. Ackovic, D. Vudragovic, A. Balaz, A. Belic and M. Savic: "Grid Site Monitoring Tools Developed and Used at SCL" Proceedings of the SEE-GRID-SCI User Forum 2009, 09-10 December 2009, Istanbul, Turkey (2009) 123

V. Slavnic, B. Ackovic, D. Vudragovic, A. Balaz and A. Belic: "Operational Grid Tools Developed at SCL" Proceedings of the SEE-GRID-SCI User Forum 2009, 09-10 December 2009, Istanbul, Turkey (2009) 117

M. Jovanovic, M. Stojanovic, N. Martinovic, M. Bogosavljevic, I. Smolic, B. Ackovic: "Astronomical Station Vidojevica: Astro-Climate" Publ. Astron. Obs. Belgrade, 91 (2012) 83-88

Branimir Ackovic: Deep Thoughts of a Supercomputer (in Serbo-Croatian)

http://www.b92.net/zivot/nauka.php?nav_id=317505 (2008)

Branimir Ackovic: HPC in Serbia (in Serbo-Croatian)

GNUzilla Magazine 38 (2009)

Other Interests

I am interested in Science and Technology, but also in Design, History, Sociology, Politics, Nature, Food, Woodworking, Environment and other topics. As a real hedonist, I'm trying to enjoy in everything what I am doing, following the thought of Aristotle: "Pleasure in the job puts perfection in the work".