

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Surname(s) / First name(s)	Poljančić Beljan Ivana
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Nationality(-ies)	Croatian
Date of birth	23.November1984.
Identification number from Records of Scientific Workers	312690

WORK EXPERIENCE

• Dates (from – to)	September 2007. – October 2007.
Name and address of employer	Comprehensive school Delnice, Croatia
Type of business or sector	Professor of mathematics
Occupation or position held	Teacher in mathematics
Main activities and responsibilities	Teaching in mathematics
• Dates (from – to)	January 2009. -
Name and address of employer	University of Rijeka, Department of Physics
Type of business or sector	Teaching and research
Occupation or position held	PhD student, junior researcher
Main activities and responsibilities	Teaching and research in Astrophysics and Educational physics

EDUCATION

Date	15.12.2008.
Place of education	Rijeka
Name and type of organisation providing education	Faculty of Arts and Sciences, University of Rijeka
Title or qualification awarded	Professor of mathematics and physics

TRAINING

Year	2009.
Place of training	Rijeka
Name and type of organisation providing training	University of Rijeka, Academy of Informatical Technologies, Training programme
Principal subjects/Occupational skills covered	Implementation of e-learning in teaching process
Year	20 – 30 September 2009
Place of training	Rabac
Name and type of organisation providing training	SISSA (Trieste, Italy), Department of Physics of the University of Rijeka (Rijeka, Croatia) - Summer School NOVICOSMO 2009, Highlights in Astrophysics
Principal subjects/Occupational skills covered	Cover the major topics in modern astronomy and astrophysics

Year	2010.
Place of training	Rijeka
Name and type of organisation providing training	University of Rijeka, Academy of Informatical Technologies, Training programme
Principal subjects/Occupational skills covered	PANOPTO - e-learning system for recording and playback of lectures

Year	11. – 15. 10. 2010.
Place of training	Padova
Name and type of organisation providing training	Osservatorio Astrofisico Universita di Padova
Principal subjects/Occupational skills covered	Measurements – photometry of young stellar objects

Year	19. – 21. 12. 2014.
Place of training	Kanzelhöhe
Name and type of organisation providing training	Kanzelhöhe Observatory for Solar and Environmental Research, University of Graz
Principal subjects/Occupational skills covered	Measurements, working meeting

PERSONAL SKILLS AND COMPETENCIES

Mother tongue(s) Croatian

Other language(s)

Language English

Speaking Very good

Writing Very good

Understanding (listening and reading) Very good

SOCIAL SKILLS AND COMPETENCIES Very sociable person with good communication skills, conscientiously.

ORGANISATIONAL SKILLS AND COMPETENCIES I was member of technical staff of GIREP-EPEC Conference Opatija 2007, Frontiers of physics education.
I was member of LOC for Summer School NOVICOSMO 2009, Highlights in Astrophysics, 20 – 30 September 2009, Rabac, Croatia.

TECHNICAL SKILLS AND COMPETENCIES I can use numerous text and graphics software packages, HTML. I implement e-learning in teaching process (my teaching exercises). Last few months I have been creating my own web page which will help me in applying and implementation of e-learning in teaching process.

ARTISTIC SKILLS AND COMPETENCIES Playing the accordion.

OTHER SKILLS AND COMPETENCIES I have been playing recreational volleyball for 6 years. I adore dancing and cycling.

DRIVING LICENCE(S) B category since 2003.

ADDITIONAL INFORMATION

- Graduate thesis in astrophysics: "*Determination of atmospheric parameters of galactic B supergiants*".
- PhD student on a scientific project financed by the Croatian Ministry of Science. Participant of the scientific project «*Development and modelling of physical concepts in classroom and e-environment*».
- Within the 7th and 8th Science Festival in Rijeka (2009, 2010) I participated in popularisation of science by performing science in the street "Hokus-pokus physics".
- On the 8th Science Festival Rijeka (2010) I had a popular-science presentation "Little Einsteins".

ANNEXES**List of publications****Publications****Current Contents publications:**

1. R. Jurdana-Šepić, R. Brajša, H. Wöhl, A. Hanslmeier, I. Poljančić, L. Svalgaard, and S. F. Gissot, A precise measurement of the solar differential rotation by tracing small bright coronal structures in SOHO-EIT images, *Astronomy and Astrophysics* 534 (2011), A17
2. Poljančić Beljan, R. Jurdana-Šepić, E. H. Semkov, S. Ibryamov, S. P. Peneva, and M. K. Tsvetkov Long-term photometric observations of pre-main sequence objects in the field of North America/Pelican Nebula, *Astronomy and astrophysics*, 568, A49, 2014.

Other publications:

1. I. Poljančić Beljan, R. Jurdana – Šepić, M. Čargonja, R. Brajša, D. Hržina, W. Pötzi, A. Hanslmeier, An analysis of the solar differential rotation from the Kanzelhöhe sunspot drawings, *Central European Astrophysical Bulletin*; in press, 2014,
2. I. Poljančić, R. Brajša, D. Ruždjak, D. Hržina, R. Jurdana-Sepić, H. Wöhl, W. Otruba, A comparison of sunspot position measurements from different data sets, *Sun and Geosphere*, 2010, Vol.5, No.2, 52-57
3. I. Poljančić, R. Brajša, D. Hržina, H. Wöhl, A. Hanslmeier, W. Pötzi, T. Baranyi, A. Özgüç, J. Singh and V. Ruždjak, Differences in heliographic positions and rotation velocities of sunspot groups from various observatories, *Cent. Eur. Astrophys. Bull.*, Vol. 35 (2011) 1, 59–70
4. I. Poljančić, R. Brajša, D. Ruždjak, D. Hržina, R. Jurdana-Sepić, H. Wöhl, Usporedba položaja grupa sunčevih pjega opažanih na različitim observatorijama, stručni skup Nastavne sekcije HAD-a povodom Međunarodne godine astronomije – Žene u astronomiji, Bolid 129 (broj 4/2011), *Zvezdarnica Zagreb*, Zagreb, listopad - prosinac 2011., 55-59
5. T. Pranjić-Petrović, I. Poljančić, B. Miličić: Workshop „Story about heat”, Interactive teaching of physics, Pećina, P. (ed.), *Croatian Physical Society*, Zagreb, 2009, 197-201

Participation at conferences (plenary session or poster):

1. I. Poljančić, R. Brajša, D. Ruždjak, D. Hržina, R. Jurdana-Sepić, H. Wöhl, W. Otruba, A comparison of sunspot position measurements from different data sets, *IHY-ISWI Regional Meeting "Heliophysical phenomena and Earth's environment"*, Šibenik, 7. – 13. 9. 2009.
2. I. Poljančić, R. Jurdana-Šepić, B. Miličić, Basic concepts of waves and optics in a scientific literacy survey, *GIREP – EPEC with PHEC 2009, Physics Community and Cooperation*, Leicester, UK, 17 – 21 August, 2009
3. T. Pranjić-Petrović, B. Miličić, I. Poljančić, Workshop „Story about heat”, Ninth symposium of *Croatian Physical Society: Interactive teaching of physics*, 16. - 18. 4. 2009., Primošten, Croatia
4. I. Poljančić, R. Brajša, D. Hržina, H. Woehl, A. Hanslmeier, W. Poetzi, T. Baranyi, A. Ozguc, and J. Singh, Differences in heliographic positions and rotation velocities of sunspot groups from various observatories, *Xth Hvar Astrophysical Colloquium, THE ACTIVE SUN*, 6 - 10 September 2010, Hvar

5. I. Poljančić, R. Brajša, D. Ruždjak, D. Hržina, R. Jurdana-Sepić, H. Wöhl, W. Otruba, Usporedba položaja grupa sunčevih pjega opaženih na različitim observatorijima, stručni skup Nastavne sekcije HAD-a povodom Međunarodne godine astronomije - ŽENE U ASTRONOMIJI, Zvezdarnica Zagreb, Zagreb, 11. prosinac 2009. (izlaganje 10 min)
6. I. Poljančić Beljan, R. Jurdana – Šepić, M. Čargonja, R. Brajša, D. Hržina, W. Pötzi, A. Hanslmeier; Solar differential rotation analysis from Kanzelhöhe sunspot drawings; poster; XIIIth Hvar Astrophysical Colloquium; Hvar; 22 - 26 September 2014;

Conferences (local organizing committee):

- 25. i 26. 3. 2013. Druga riječka škola fizike - "Fizika u novom prostor - vremenu"; Rijeka;
- 16. i 17. 4. 2014. Treća riječka škola fizike - "Fizika bez granica"; Rijeka
- 20. – 30. 9. 2009. Summer School NOVICOSMO 2009, Highlights in Astrophysics; Rabac;
- 26. -31. 8. 2007. GIREP-EPEC, Frontiers of physics education; Opatija

Participation in national and international projects:

- 2014. - SOLSTEL (Solar and Stellar Variability); suradnik; HRZZ (nr. 6212)
- 2012 - Environment for Human Exploration and Robotic Experimentation in Space (EU FP7)
- 2011 - Coronal Mass Ejections and Solar Energetic Particles (collaborative project funded by the FP7)
- 2010 - 2013 "Diagnostics and physical properties of circumstellar matter" (MZOŠ)
- 2007-2009 „Development and modeling of physical concepts in classroom and e-environment“ (MZOŠ)

Teaching: Department of Physics, University of Rijeka (undergraduate teaching exercises 2014/2015: Physics 1 – Mechanics, Basics of Informatics)

Member of Croatian Astronomical Society