



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **PETRE PARASCHIV**
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Telephone(s) Mobile: 004 0722827663
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Nationality Romanian

Date of birth February 02, 1959

Gender Male

Work experience

Dates July 1993 onwards
Occupation or position held Electronic engineer
Main activities and responsibilities Astronomical observations, maintenance and updating astronomical devices, research activities in the field of astronomy and astrometry
Name and address of employer Astronomical Institute of the Romanian Academy (AIRA), Fundamental Astronomy Department, 040557, Str. Cușitul de Argint 5, sector 4, Bucharest, RO
Type of business or sector Research & development

Education and training

Dates 1998
Principal subjects/occupational skills covered CCD in astronomy
Name and type of organisation providing education and training Technical University Poznany, Astronomical Observatory
Dates 1986
Principal subjects/occupational skills covered Microcontrollers in applications, assembling language
Name and type of organisation providing education and training Technical University Bucharest, Faculty of Electronics and Telecommunications
Dates 1979 – 1984
Title of qualification awarded Master
Principal subjects/occupational skills covered Applied Electronics
Name and type of organisation providing education and training Technical University Bucharest, Faculty of Electronics and Telecommunications

Dates 1974 – 1978
 Title of qualification awarded Baccalaureate Diploma
 Principal subjects/occupational skills covered Mathematics and physics
 Name and type of organisation providing education and training "Mihai Viteazu" College, Ploiesti

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment

European level (*)

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	Basic user	B1	Basic user	B1	Basic user	B1	Basic user	B1	Basic user

Social skills and competences Team work: I have worked in various research teams at Astronomical Institute of the Romanian Academy (AIRA) – Bucharest Observatory

Computer skills and competences Microsoft Office Suite, Open Office Suite, AutoCAD, OrCad, computer maintenance and debugging, networks computers, Windows OS basic knowledge,

Driving licence B category

Additional information

AFFILIATION

Member of Romanian National Committee of Astronomy, contact person president dr. Popescu P., Astronomical Institute of the Romanian Academy (AIRA) – Bucharest Observatory, 040557, Str. Cuțitul de Argint 5, sector 4, Bucharest, Romania

Member of professional association Astronomia21, contact person president dr. Stavinschi M., Astronomical Institute of the Romanian Academy (AIRA) – Bucharest Observatory, 040557, Str. Cuțitul de Argint 5, sector 4, Bucharest, Romania

PARTICIPATION IN SCIENTIFIC RESEARCH PROJECTS AND PROGRAMMES

Monitorizarea tranzitelor planetelor Mercur si Venus peste discul solar (UNESCO Project), AIRA, 2003-2004, participant

Aerospațial / Sistem pentru monitorizarea obiectelor cosmice potențial periculoase pentru Pământ, AIRA, 2004-2006, project responsible

Aerospațial/ Centru de excelență (CEEX) Institutul Astronomic al Academiei Române, AIRA, 2002-2005, participant

CEEX/ Platforma tehnologică națională de dinamică spațială, AIRA, 2005-2008, participant

CEEX/ Modul autonom pentru observații astronomice in mediul polar – PROTEL, AIRA, 2005-2008, participant

PECS (Plan for European Cooperating States) / GAIA (Global Astrometric Interferometer for Astrophysics) – Improving relative positions of reference stars around ICRF radio-sources, based on agreements with Bulgarian National Observatory and Centre National de la Recherche Scientifique (CNRS, France), AIRA, 2004-2009, participant

Studiul proprietăților fizice ale corpurilor din sistemul solar, AIRA, 2011-2014, participant

- MOST REPRESENTATIVE PUBLICATIONS

POPESCU, P., PARASCHIV, P., POPESCU, R., DUMITRESCU, A., BOCSA, G., BĂDESCU, O., NEDELICU, A., BOT, A., COSMA, V., NEGOITA, T., COTTA, M., [Romanian remote control telescope in low - Racovita antarctic base](#) (2007) *AIP Conference Proceedings*, 895, pp. 195-198. Cited 1 time. (ISSN: 0094243X, ISBN: 0735404003; 9780735404007, DOI: 10.1063/1.2720422, Language of Original Document: English, Document Type: Conference Paper, Source: Scopus)

NEDELICU, D.A., SOUCHAY, J., BIRLAN, M., POPESCU, P.P., PARASCHIV, P.V., BĂDESCU, O., [Asteroid astrometry as a link between ICRF and the Dynamical Reference Frames](#) (2007) *Proceedings of the International Astronomical Union*, 3 (S248), pp. 328-329. (ISSN: 17439213 DOI: 10.1017/S1743921308019480, Language of Original Document: English, Document Type: Conference Paper, Source: Scopus)

POPESCU, P.P., PARASCHIV, P.V., NEDELICU, D.A., BĂDESCU, O., [Antarctic project for astrometric observations](#), (2007) *Proceedings of the International Astronomical Union*, 3 (S248), pp. 112-113. (ISSN: 17439213, DOI: 10.1017/S1743921308018784, Language of Original Document: English, Document Type: Conference Paper, Source: Scopus)

PARASCHIV, P., BĂDESCU, O., NEDELICU, D.A., POPESCU, P., ILIEV, L., [Narrow field astrometry with different quality CCD cameras](#), (2008) *AIP Conference Proceedings*, 1043, pp. 179-182. (ISSN: 0094243X, ISBN: 9780735405714, DOI: 10.1063/1.2993634, Language of Original Document: English, Document Type: Conference Paper, Source: Scopus)

BĂDESCU, O., PLOPEANU, M., NEDELICU, D.A., POPESCU, P., PARASCHIV, P., [Geodetic astronomy and modern astrometry developments](#), (2008) *AIP Conference Proceedings*, 1043, pp. 214-215. (ISSN: 0094243X, ISBN: 9780735405714, DOI: 10.1063/1.2993646, Language of Original Document: English, Document Type: Conference Paper, Source: Scopus)

POPESCU, P., ASSAFIN, M., BĂDESCU, O., NEDELICU, D.A., PARASCHIV, P., ILIEV, L., ANTOV, A., [A pilot astrometric survey of 59 northern ICRF radio-sources](#), (2008) *AIP Conference Proceedings*, 1043, pp. 175-178. (ISSN: 0094243X, ISBN: 9780735405714, DOI: 10.1063/1.2993633, Language of Original Document: English, Document Type: Conference Paper, Source: Scopus)

NEDELICU, D.A., BIRLAN, M., SOUCHAY, J., ASSAFIN, M., ANDREI, A.H., BĂDESCU, O., POPESCU, P., PARASCHIV, P., [Apparent close approaches between near-Earth asteroids and quasars precise astrometry and frame linking](#), (2010) *Astronomy and Astrophysics*, 509 (1). (ISSN: 00046361, CODEN: AAEJA, DOI: 10.1051/0004-6361/200913172, Language of Original Document: English, Document Type: Article, Source: Scopus)