

CURRICULUM VITAE

(19.10.2015)

Personal Data

Name: **Oleh PETRUK**

Date of birth: 2 February 1971

Place of birth: Lviv, Ukraine

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Research experience in High Energy Astrophysics

Area of research interests:

- Shell-like Supernova Remnants
- Acceleration of Cosmic rays
- Shock waves in nonuniform media
- Nonthermal emission processes

Present and recent positions

since 1993 Lviv, Ukraine

Institute for Applied Problems in Mechanics and Mathematics

(National Academy of Sciences)

Senior Researcher (since 07/2005)

Researcher (since 04/2000)

Engineer (since 08/1993)

04/2006-12/2011 Lviv, Ukraine

Astronomical Observatory, Lviv National University

Senior Researcher (part time position)

Publications

- 34 refereed papers
- Total citations: 354 (*ADS*)
262 (*Scopus*)
433 (*Google Scholar*)
- h index 10 (*Scopus*)
12 (*Google Scholar*)
- 15 refereed papers in Ukrainian (1996-2014)
- about 60 conference abstracts and proceedings since 2000

Degree

- 03/2011, Habilitation in Astrophysics
Thesis "Acceleration of cosmic rays in shell supernova remnants" (353 p.)
- 04/2009, Senior Researcher (Ukrainian academic degree)
- 06/2000, PhD in Astrophysics
Thesis "Hydrodynamics of supernova remnants in non-uniform interstellar medium" (183 p.)
- 06/1993, Master of Science in Physics

Research visits

- 04/2015
DESY Zeuthen, Germany
(M.Pohl)
- 06/2009
Institute for Nuclear Physics Cracow, Poland
(J.Niemiec)
Study on magnetic field amplification at astrophysical shocks
- 02/2015, 10/2012, 06/2009 Cracow, Poland
Astronomical Observatory, Jagiellonian University (M.Ostrowski)
Study on morphology of SN1006
- 06/2009 Cracow, Poland
Institute for Nuclear Physics (J.Niemiec)
Study on magnetic field amplification at astrophysical shocks
- 10/2006, 06/2008, 11/2008 Florence, Italy
Arcetri Astrophysical Observatory (R.Bandiera)
Study on cosmic ray acceleration in supernova remnants

References

- Dr. Rino Bandiera
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