

Curriculum vitae

György Gyürky

Personal details

Surname: Gyürky
First name: György
Address: Erdély u. 17/c, H-4030 Debrecen, Hungary
Date of birth: 4th May 1974
Nationality: Hungarian
Status: married, two children
Webpage: <http://www.atomki.hu/~gyurky/>

Education

1992-1997 Kossuth Lajos University, Faculty of Sciences, Debrecen, Hungary
M.Sc. in Physics, Qualification of degree: excellent
1994-1999 Kossuth Lajos University, Faculty of Sciences, Debrecen, Hungary
BA in English-Hungarian Special Translation
Qualification of degree: excellent
17.11.2001 Ph.D. in Physics, University of Debrecen, summa cum laude

Occupation

- 01.09.1997 – 31.08.2000. Ph.D. fellowship at the University of Debrecen
- 01.09.2000 – 31.08.2004 young researcher academic fellowship at the Institute of Nuclear Research of the Hungarian Academy of Sciences (Atomki)
- from 01.09.2004. research fellow of Atomki
- from 01.06.2005 deputy department head, Section of Ion Beam Physics of Atomki

Main research topics

Experimental nuclear astrophysics: astrophysical p-process, measurement of extremely low cross sections, electron screening, half-life measurements

Participation in conference organizations

- NPDC17 Nuclear Physics in Astrophysics, Debrecen, Hungary, 30.09. - 04.10. 2002.
- NPA-II Nuclear Physics in Astrophysics, Debrecen, Hungary, 16-20. 05. 2005.
- 10th International Conference on Clustering Aspects of Nuclear Structure and Dynamics, 24-28. 09. 2012, Debrecen, Hungary
- Eurocores Workshop on "Open problems and future directions in heavy element nucleosynthesis", Debrecen, Hungary, 10-12. 04. 2013. (chair of local organizing committee)

- Nuclei in the Cosmos XIII, Debrecen, Hungary, 7-11. 07. 2014
- “School director” of the pre-conference school of the Nuclei in the Cosmos XIII conference, Debrecen, Hungary, 30.06. - 4.07. 2014
- Nuclear physics in stellar explosions 12.09.2018 - 14.09.2018 Atomki, Debrecen

Teaching

- Advanced laboratory practice for physics students of the University of Debrecen, Hungary and Roland Eötvös University, Budapest, Hungary
- Hosting an Erasmus student (André Ornelas) from the University of Lisbon, Portugal, 2012.
- PhD supervision:
 - Gábor Kiss, University of Debrecen, Hungary, 2005 – 2008
 - André Ornelas 2014 -
- B.Sc. supervision:
 - Marcell Takács, University of Debrecen, Hungary, 2011.
 - András Szepesi, University of Debrecen, Hungary, 2011.
 - Annamária Kiss, University of Debrecen, Hungary, 2014.
 - Zsolt Mátyus, University of Debrecen, Hungary, 2018.
- M.Sc. supervision:
 - André Ornelas, University of Lisbon, Portugal, 2012.
 - Marcell Takács, University of Debrecen, Hungary, 2013.
 - Tímár Tamás, University of Debrecen, Hungary, (in progress).

Awards

- Young Researcher Prize of the Atomki, 2002.
- Bolyai fellowship of the Hungarian Academy of Sciences, 2002. and 2006.
- Young Researcher Prize of the Hungarian Academy of Sciences, 2005.
- Young Researcher Award of the Visegrad Group Academies (Czech Republic, Hungary, Poland, Slovakia) 2007.
- Budó Ágoston Prize of the Roland Eötvös Physical Society, 2011.
- Szalay Prize of the Hungarian Academy of Sciences, 2013.
- Nuclear physics prize of the Atomki Excellence Foundation, 2015.

Invited talks at international conferences and schools

- Nuclear Physics in Astrophysics III, Dresden, Germany, 26-31. 03. 2007.
- European Nuclear Physics Conference, Bochum, Germany 16-20.03.2009.
- Nuclear Physics in Astrophysics IV., Frascati, Italy, 8-12.06.2009. (European Physical Society invited speaker)
- The p-process Workshop, Garching, Germany, 10-11.09.2009.
- 72nd meeting of the Nuclear Physics European Collaboration Committee (NuPECC), Budapest, Hungary, 7-8. 10. 2011
- 496th Wilhelm und Else Heraeus-Seminar, Bad Honnef, Germany 6-10.02.2012.
- Carpathian Summer School of Physics, Sinaia, Romania, 24.06 -07.07. 2012.

- 12th International Symposium on Nuclei in the Cosmos, Cairns, Australia, 5-10.08.2012.
- ENSAR-THEXO workshop on „Reactions of Exotic Nuclei and the Impact of Nuclear Structure”, Trento, Italy, 22-24.10.2012.
- Nuclear Physics in Astrophysics VI., Lisbon, Portugal, 19-24. 05. 2013.
- International Nuclear Physics Conference 2013 (INPC2013) Florence, Italy, 2-7. 06. 2013.
- p-process workshop 2015: status and outlook, Limassol, Cyprus 10-13. 07. 2015.
- p-process Workshop 2017, University of Notre Dame, Notre Dame, IN, USA, June 29 - July 1st, 2017
- Nuclear Physics in Astrophysics IX, Frankfurt, Germany, 15-20 Sept 2019,

Miscellaneous

- ~ 10 invited seminars at universities and research institutions in Hungary and abroad
- ERC Starting Grant holder, 2008-2013.
- Since 2000 membership in the international LUNA collaboration
- Since 2011 secretary and since 2015 section leader of the Nuclear Physics Section of the Roland Eötvös Physical Society
- Since 2012 member of the Young Academy of Europe (Academia Europaea)
- Hosting a “distinguished scientist” (Prof. Thomas Rauscher) in the framework of a program of the Hungarian Academy of Sciences, 2012.
- Refereeing for several international journals
- “Researcher of the month” of the Hungarian Research Fund, January 2012.
- My PhD student (G. K.) received the “Junior Prima” prize for scientific result which we achieved together

Publication record (as of 20 May 2019)

- Number of publications in peer-reviewed scientific journals and proceedings: 313
- Popular science and educational publications, book chapters (in Hungarian): 9
- Cumulative impact factor of publications: ~ 550
- Number of independent citations: ~2500
- H-index (google scholar): 45
- Edited works: Nucl. Phys. A **719** (2003) and Eur. Phys. J A Supp. **27** (2006)

The full publication list can be found at:

<https://vm.mtmt.hu//search/slist.php?lang=0&AuthorID=10000120>

see also: <http://www.researcherid.com/rid/B-7254-2013>

<https://scholar.google.hu/citations?hl=hu&user=z-OxqxEAAAAJ>