

Research Experience

- Oct 2013–Sept 2016 Postdoctoral researcher,
Leiden Observatory, Leiden University, The Netherlands,
mentor: Simon Portegies Zwart
- Jan 2012–Sept 2013 Research assistant
Department of Theoretical Physics and Astrophysics,
Faculty of Science, Masaryk University, Brno, Czech Republic
- Dec 2009–Nov 2011 ESO Studentship,
European Southern Observatory, Santiago, Chile,
supervisor: Giovanni Cararro
- 2008–2009 Research assistant
Department of Theoretical Physics and Astrophysics,
Faculty of Science, Masaryk University, Brno, Czech Republic

Education

- 2008–2013 PhD, Theoretical Physics and Astrophysics,
Masaryk University, Brno, Czech Republic,
thesis: *Orbits of Open Clusters*, supervisor: Filip Hroch,
advisers: Bruno Jungwiert, Giovanni Carraro
- 2006–2008 Mgr., Theoretical Physics and Astrophysics, with honors,
Masaryk University, Brno, Czech Republic
- 2003–2006 Bc., Applied Physics–Astrophysics, with honors,
Masaryk University, Brno, Czech Republic

Teaching and Students Supervision

- 2014–present Mentoring students (BSc, MSc, PhD), Leiden Observatory
- summer 2014, 2015 The Leiden/ESA Astrophysics Program for Summer Students
(LEAPS), Leiden Observatory,
students: María Camila Remolina Gutiérrez, Michael Hammer
- 2008–2009 Teaching Assistant,
Faculty of Science, Masaryk University (courses of Thermodynamics
and statistical physics, Elementary mathematics)

Observing Experience and Proposals

- Feb 2015 co-investigator, 1 night in service mode,
MegaCam CCD at Canada-French-Hawaii Telescope
- 2010–2011 CCD photometry with 1 m telescopes (Las Campanas Observatory, Cerro Tololo
Inter-American Observatory), 22 nights

Awards

- 2014, 2015 LKBF travel grants
- 2009–2011 European Southern Observatory studentship, Santiago Chile

Conferences and Talks (selected)

- October 2016 colloquium, *Mass transfer between debris discs during close stellar encounters*, IMCCE, Paris, France
- December 2015 colloquium, *Mass transfer between debris discs during close stellar encounters*, NAOJ, Tokyo, Japan
- December 2015 contributed talk, *Mass transfer between debris discs during close stellar encounters*, MODEST 15-S, Kobe, Japan
- June 2015 lunch talk, *How Sedna and family were captured in a close encounter with a solar sibling*, Radboud University Nijmegen, The Netherlands
- May 2015 contributed talk, *Mass transfer between planetesimal disks during stellar flybys and the case of the Solar System*, Berlin, Germany
- January 2015 seminar and hands-on tutorial, *AMUSE, any simulation you like*, Astronomical Institute, Academy of Sciences of the Czech Republic, Prague
- May 2014 contributed talk, *HD 106906: debris disc under planetary influence*, Bonn, Germany
- April 2014 invited talk, *ESO studentship: two years under the southern sky*, Prague, Czech Republic
- April 2011 member of LOC, *Dynamics of Low-Mass Stellar Systems: From Star Clusters to Dwarf Galaxies*, ESO workshop, Santiago, Chile
- 2009–2014 five poster contributions at international conferences (USA, China, Chile, France, Germany)

Miscellaneous

- Reviewer MNRAS (4 papers), ApJ (1 paper)
- Committees
- Member of SOC for Lorentz Center Workshop *Formation of the Solar System and the origin life*, held 20 to 24 February 2017, in Leiden.
 - Member of PhD thesis committee at Leiden Observatory, students: Daniel Caputo, Carmen Martínez-Barbosa.
 - MSc and BSc thesis reviewer, Faculty of Science, Masaryk University.
- Membership International Astronomical Union, Gaia-ESO survey
- Computer skills Python, AMUSE, Fortran, Gnuplot, L^AT_EX, Octave, Pyraf (basic), Unix
- Languages Czech (native), English (fluent), Spanish (advanced), German (basic)

References

- Giovanni Carraro Dipartimento di Fisica e Astronomia, Padova University, Italy,
giovanni.carraro@unipd.it
- Bruno Jungwiert Astronomical Institute, Academy of Sciences of the Czech Republic,
Prague, Czech Republic,
bruno@ig.cas.cz
- Simon Portegies Zwart Leiden Observatory, Leiden University, The Netherlands,
spz@strw.leidenuniv.nl