

Iulia Chifu | Curriculum Vitæ

Degrees

Technische Universität Carolo-Wilhelmina <i>Doctorate in Physics</i> Thesis: Multi-spacecraft analysis of the solar coronal plasma	Braunschweig 2010–2015
The University of Bucharest <i>Masters in Physics</i> Thesis: Influence of the coronal mass ejections on the Earth magnetic field	Bucharest 2007–2009
The University of Bucharest <i>Bachelor in Physics</i>	Bucharest 2003–2007
The Faculty of Communication and Public Relations “David Ogilvy” <i>Bachelor in Communication and Public Relations</i>	Bucharest 2000–2005

Employment

Max Planck Institute for Solar System Research <i>Postdoctoral researcher, DFG project Evolution of Coronal Magnetic Fields</i>	Göttingen Since 2017
Max Planck Institute for Solar System Research <i>Postdoctoral researcher</i>	Göttingen 2015–2017
Max Planck Institute for Solar System Research <i>Doctoral candidate</i>	Göttingen 2010–2015
Astronomical Institute of Romanian Academy <i>Research assistant</i>	Bucharest 2007–2010
Institute of marketing research GFK <i>Marketing research operator</i>	Bucharest 2001–2002
Romanian Environmental Journalist Association (REJA) <i>Office manager/journalist</i>	Bucharest 2000–2003

Refereed publications

- I. Chifu and B. Wiegelmann T.and Inhester. “Nonlinear Force-free Coronal Magnetic stereoscopy”. *Astrophysical Journal* 837, 10 (Mar. 2017), p. 10. doi: 10.3847/1538-4357/aa5b9a
- I. Chifu. *Multi-spacecraft analysis of the solar coronal plasma*. uni-edition, Apr. 2016. ISBN: 9783944072197
- I. Chifu, B. Inhester, and T. Wiegelmann. “Coronal magnetic field modeling using stereoscopy constraints”. *Astronomy and Astrophysics* 577, A123 (May 2015), A123. doi: 10.1051/0004-6361/201322548
- M. Mierla et al. “Study of a Prominence Eruption using PROBA2/SWAP and STEREO/EUVI Data”. *Solar Physics* 286 (Aug. 2013), p. 241. doi: 10.1007/s11207-012-9965-0

- I. Chifu et al. "First 4D Reconstruction of an Eruptive Prominence Using Three Simultaneous View Directions". *Solar Physics* 281 (Nov. 2012), p. 121. doi: 10.1007/s11207-012-0107-5
- M. Mierla et al. "Low polarised emission from the core of coronal mass ejections". *Astronomy and Astrophysics* 530, L1 (June 2011), p. L1. doi: 10.1051/0004-6361/201016295