

Curriculum Vitae

Andreas Krut



Personal Data

Address Günther-Hafemann-Str. 15
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Date of Birth 26.05.1987

Marital Status single, no children

Nationality German

Education

03.2014 **Elected for the EMJD PhD in Astrophysics 2014-17**
Università La Sapienza, Rome, Italy

PhD subject: *dark matter and galactic structures*

11.2013 **Degree M.Sc. Physics (degree 1.7)**
University Bremen, Germany

10.2007 - 11.2013 **Studies in Physics**
University Bremen, Germany

- Main focus in theoretical physics
- Specialization in non-linear dynamics

Title of master thesis
Stability analysis of equilibria of the heavy spinning top in special relativity (grade 1.15)

Title of bachelor thesis
Stability analysis of equilibria of the heavy spinning top (grade 2.0)

06.2007 **General qualification for university entrance (grade 2.0)**
School at Kurt-Schumacher-Alle (KSA), Bremen, Germany

Work Experience

- 08.2012 - 09.2012 **Centre for applied space technology and micro-gravitation (ZARM)**
University Bremen, Germany
Construction of a chassis by a CAD program
- 10.2009 - 07.2012 **ZARM, University Bremen**
Auxiliary scientist at "Luftvehikel-Experiment" (Luvex)
Activity: Analysis, calibration, construction und set-up
- 08.2009 - 09.2009 **ZARM, University Bremen**
Shift of center of mass in magnetic coils at high-precision gravity field missions

Conferences and Schools

- 30.05.2016 – 3.06.2016 **Forth Bego Recontres**, Nice, France
IRAP PhD Erasmus Mundus school
- 16.05.2016 – 27.05.2016 **6th school LesHouches-CECAM in numerical physics**, Les Houches, France
- 07.09.2015 – 11.09.2015 **Astrophysical Probes of Fundamental Physics**, Ferrara, Italy
A PhD School at University of Ferrara
- 12.07.2015 – 18.07.2015 **14th Marcel Grossmann Meeting**, Rome, Italy
- 20.07.2015 – 24.07.2015 **14th Italian-Korean Symposium on Relativistic Astrophysics**, Pescara, Italy
- 13.04.2015 – 22.09.2015 **2nd César Lattes Meeting**, Rio de Janeiro, Brazil
- 08.09.2014 – 19.09.2014 **Third Bego Recontres**, Nice, France
IRAP PhD Erasmus Mundus school

Languages

- | | |
|---------|----------------|
| German | first language |
| English | good |
| Russian | oral |
| Italian | basics |

Additional Skills

Programming/Analysis	C/C++, Matlab, Maple, GeoGebra <i>advanced knowledge, active since 2007</i>
Web technology	HTML, CSS, JavaScript <i>very good knowledge, active since 1997</i>
Database/Server	Apache Server, PHP, Node.js, SQL <i>basic knowledge, active since 2005</i>
Office	Latex, Word, Excel, PowerPoint <i>advanced knowledge, active since 2007</i>

Soft Skills

Bouldering/climbing (in sports hall), programming, web design



MSc Andreas Krut

Rome, 15.06.2016