

Moritz Münchmeyer

Education

2004 - 2009 **Study of Physics at Karlsruhe Institut für Technologie** (University of Karlsruhe)
Diploma/Master thesis: "Search for large-scale anisotropies in the distribution of ultra-high energy Cosmic Rays with the Pierre Auger Observatory"

PhD and Postdoc

2010 - 2012 **Ph.D in Astroparticle Physics** under the direction of Antoine Letessier-Selvon, LPNHE, IN2P3, CNRS, Université Pierre et Marie Curie, Paris
Title: "Large-scale anisotropies in the high energy cosmic ray sky"
PhD defense: 31.10.2012

2013 – 2016 **Lagrange fellowship and CNES Postdoc at Institute d'Astrophysique de Paris (IAP)**
Hosted by François Bouchet and Benjamin Wandelt

2016 – ongoing **Senior Postdoctoral Fellow at Perimeter Institute for Theoretical Physics** (5-year contract).

Professional activities

- Simons Observatory: member of the collaboration
- CHIME-FRB: member of the collaboration
- Planck collaboration: member of the collaboration
- Simons Origin of the universe initiative: member
- Contributor to experimental proposals: CMB stage 4, CMB-HD, stage-2 21cm survey, PUMA
- Reviewer for JCAP, MNRAS and NOW
- Co-organizer of the Aspen 2020 CMB workshop

Entrepreneurial activities

I am a founder of Wolution (www.wolution.com), which provides deep learning based scientific image analysis.