

Name	Prof. Dr. Sebastian Böser
Department	Institute of Physics
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Date and	8 December 1977
Place of Birth	Starnberg, Germany



### Main research fields

Experimental astroparticle physics: high-energy astrophysical neutrinos, neutrino oscillations, direct neutrino mass measurements, low-level light sensors, radio detection

### Scientific Career and International Experience

2006: PhD, DESY, Zeuthen  
 2007–2010: Marie Curie Fellow, University College London  
 2008–2010: Long-Term Visitor, CERN, Geneva  
 2011–2013: Research visits, South Pole Station, Antarctica  
 2010–2014: Research Scientist, Bonn University  
 since 2014: Associate Professor for Experimental Astroparticle Physics, University of Mainz

### Service to the community

2005: First International ARENA conference, Zeuthen, local organizer  
 2007–2010: Online Event Display Coordinator, ATLAS  
 2010–2013: Run Coordinator, IceCube  
 2013: Realtime Astroparticle Physics Workshop, Bonn, local organizer  
 2013–2015: PINGU Working Group Convener, IceCube  
 since 2014: Helmholtz Alliance for Astroparticle Physics: Coordinator for “Advanced Technologies”  
 since 2015: LowEnergy/Oscillation Working Group Convener, IceCube  
 2016: Organizer, Mediterranean and Antarctic Neutrino Telescopes Meeting, Mainz  
 since 2016: Referee for JHEP  
 2016: Organizer, HAP Workshop “Advancements in Photosensor Technology”, Mainz

### Scholarships, awards and honors

2007: Tiburtius Recognition Award for outstanding PhD work, Universities of Berlin