Dr. Gurvan M. F. Bazin
ESO HQ Garching

Work Experience

European Southern Observatory   2015 − now
Garching (Germany)

Web & Advanced Project Coordinator   Department of Communication
Exposure Time Calculator   Department of Engineering
Molecfit: Modeling the Atmospheric Spectra Above Ground-based Telescopes   Department of Engineering

CGG   2014 − 2015
Massy (France)

Development of a seismic data processing software in Oil & Gas domain   (international team: 20 persons)

Leibniz-Rechenzentrum   2013 − 2014
Garching (Germany)

Optimization of Gadget 3, a massively parallel code for cosmological simulation   (team: 4 persons)

Universitäts-Sternwarte München   2009 − 2012
Ludwig-Maximilians-Universität, Munich (Germany)

Development of a statistical data analysis module for the South Pole Telescope Experiment
(international science project in Astrophysics >100 persons, team: 20 persons)

Education and Training

PhD in Cosmology   2005 − 2009
University Paris 7 Denis-Diderot and CEA Saclay (France)

Differed Analysis of the *SuperNovae Legacy Survey* Data

IDRIS, University Paris 11 (France)

- Hybrid Programming MPI+OpenMP (2014: 5-day training)
- Advanced Fortran Programming (2014: 3.5-day training)

Leibniz-Rechenzentrum
Garching (Germany)

- Node-Level Performance Engineering (2012: 2-day training)

Languages

- English (fluent)
- French (native speaker)