

Dr. Bertrand Goldman

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Married, two children

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Current position Staff Astronomer

at the Max Planck [Institute for Astronomie](#), Heidelberg (2004–present)

Research interests

Very low-mass stars and brown dwarfs, large-survey data mining, variability, spectroscopy, polarisation, high-resolution imaging,

Duties

Referee for the Spanish Ministry of Research ([ANEP](#))
Referee for the *Monthly Notices of the Royal Astronomical Society* and *ApJ*
Science Policy Oversight Committee Chairman of the [PanSTARRS](#) consortium
(the conflict-solver committee of a 500-member collaboration)
Coordinator of the institute's Summer Internship program
[PANIC](#) Science Team Member (wide-field imager for the Calar Alto Observatory)
PanSTARRS Key Project Assessment Team Member
Member of the Sonderforschungsbereich « *Milky Way* » of the Univ. of Heidelberg
Member of SF2A and EAS (French and European astronomical societies)
Contributor to the PanSTARRS blog and coordinator of the local web site
Former member of the Time Allocation Committee of [Calar Alto](#) Observatory
(evaluation and selection of international observing proposals, 6 semesters)

Professional experience

Researcher at NASA/[Ames](#) Research Center, Mountain View (2003–2004)
Postdoctoral fellow at the New Mexico State [University](#) (2001–2003)

Education

École Normale Supérieure ([É.N.S.](#)), Paris (1990–1995)
Université de Paris VI, Master (1993) and Ph.D. (2001) in Physics
Princeton University, Graduate School (1993–1994), in History of Science
Université de Paris VII, Master (1994) in Epistemology
Université de Paris VI, Bachelor in Physics (1992)

Honours

Max Planck Institute fellow (2006–2009)
Alexander von Humboldt fellow (2004–2006)
CFR, Commissariat à l'Énergie Atomique (1997, renewed 1999)
Proctor Fellowship at the Princeton University (1993)

Teaching

Advanced lecture in Astronomy, University of Heidelberg (Winter 2006)
Supervised one PhD student, six undergraduate and Master students

Publications 63 refereed publications in *A&A*, *AJ*, *ApJ*, *MNRAS*, *Physics Report*; 3327 citations
46 talks, posters and proceedings presented in international conferences
2 invited reviews, 2 press releases

Research experience Large-Electron-Positron Collider, Université de Paris VI/CNRS (Spring of 1993)
Observatoire de Midi-Pyrénées, Toulouse (Summer of 1992)

Grants as Space Telescope Science Institute, Baltimore, USA (\$ 55,000, 2003)
Principal Investigator Spitzer Space Telescope, Los Angeles, USA (\$ 60,000, 2004)

Technical skills Computing (C/C++ & python programming, HTML, databases, Microsoft Office, Apple text and movie editing tools, UNIX & Mac OS)
Data reduction (IRAF, IDL, Astromatic.net, Eclipse)
Database tools (SQL, Digital Virtual Observatory–DVO, Large Survey Database–LSD)

National Service Collaboration Universidade de Chile–European Southern Observatory– Commissariat à l'Énergie atomique, in Santiago de Chile (1997–1998)

Languages French, English (fluent), German, Spanish & Portuguese (spoken).

After-work Amnesty International active member (Neckargemünd group leader) (2001–)
Main organiser of the First Human Rights Film Festival in Las Cruces, NM (budget and grants, program, administrative tasks) (2003)
Projectionist at the non-for-profit art movie theatre in Mesilla, NM (2001–2003)
Active member of the local society: [Initiative](#) Heidelberg für Kunst, Kultur und Genuss (Initiative Heidelberg for the Arts, Culture, and Delights)