



**Pierre-Alain Duc**

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## Contact

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## Positions

2017-:        **Director** Observatoire astronomique de Strasbourg  
 (Université de Strasbourg, CNRS)  
 2011-2016: **Directeur de recherche at CNRS** (Faculty)  
 Laboratoire AIM - CEA Saclay, France  
 1999-2011: **Chargé de recherche at CNRS** (Faculty)  
 Laboratoire AIM - CEA Saclay, France  
 1998-1999: **Research Associate**  
 Institute of Astronomy - Cambridge, UK  
 Post-doc of the European network "Galaxy Formation and Evolution"  
 1996-1998: **ESO Fellow** (Post-Doc)  
 European Southern Observatory - Garching, Germany  
 1995-1996: **Cooperant** (National Service )  
 European Southern Observatory - La Silla, Chili  
 in charge of observations for the DeNIS project

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## Awards

2015:        **Prix La Recherche** of the best paper in astrophysics (Renaud et al.)  
 2012:        **Excellence science award** of the CNRS  
 2003:        **Young researcher award** of the French Astronomical Society (SF2A)  
 2000:        **ATI Grant** from INSU/CNRS

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## Studies and diploma

2009        **Habilitation à diriger les recherches (HDR)**  
 University Paris Diderot  
 1991-1994: **Doctorate thesis of University Paris VI**  
 Service d'astrophysique - CEA Centre d'Etudes de Saclay  
 Subject: formation of dwarf galaxies in interacting systems  
 1990-1991: **DEA (Master)** in Astrophysics and Space Science  
 University Paris VI  
 1988-1991: **Engineering studies**  
 Ecole Nationale Supérieure de Techniques Avancées (Paris)  
 Specialization: Electronics - Imaging and Detection Systems  
 1990:        **Summer courses** in Astronomy at the University of Mississippi, USA  
 1986-1988: Preparatory School to the "Grandes Ecoles" (Lycee du Parc, Lyon)

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## Scientific Production

Number of papers in refereed journals: 142  
 Number of papers in Conference Proceedings: 120  
 IAU circulars: 3; Book chapter: 1; Book edition: 1

## Research topics

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### Environmental effects on the formation and evolution of galaxies

- Probing the mass assembly of galaxies with ultra-deep images (PI of the MATLAS CFHT Large Programme, member of the NGVS and Atlas3D collaborations)
- Multi-wavelength observations / Numerical simulations of interacting systems; star, star clusters and tidal dwarf galaxy formation
- Work Package leader on galaxy morphology within the Euclid consortium

### Other works

- Environmental effects on the evolution of dwarf galaxies in clusters of galaxies
- Dust enshrouded star formation in clusters of galaxies
- Galaxy clusters as large scale structures (XMM-LSS project)
- Multi-wavelength survey of Ultraluminous Infrared Galaxies
- Properties of Gamma Ray Bursts hosts
- Identification of the optical/infrared counterparts of microquasars
- Infrared surveys (DENIS project)

## Collective responsibilities

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### Observatoire astronomique de Strasbourg

- Directeur de l'UMR 7550, de l'OSU ObAS, et de composante pour l'unistra

### Laboratoire AIM / Service d'astrophysique of CEA–Saclay

- Deputy-director AIM (UMR 7158, 2005–2015)

### National committees

*Ministry of Research and Education, DGRI*

Expert for international programs (2010-2016)

*Programme Nationaux of CNRS/INSU*

- Member of the administration board of PNG (Scientific secretary, 2005–2008)
- Member of the Scientific Council of PNG (2001-2008)
- President of the Time Allocation Committee for OHP/TBL (2001-2004)
- Member of the Scientific Council of Action Spécifique ALMA (2008-2011)

*Recruitment committees*

- Member of the CNRS Admission Committee (2013)
- Member of the University Paris 6 and 7 recruitment committees (2008-2011)

*Member of the Scientific Council of the OSU OAMP (2004–2008)*

### Observatories and computing centers

*European Southern Observatory (ESO)*

- member of the Observing Program Committee (2014-2016)
- chair of the panel cosmology (2014) and galaxies (2015-2016)

*Canada France-Hawaii Telescope (CFHT)*

- President of the Science Advisory Committee (SAC) (2009-2010)
- Member of the Science Advisory Committee (SAC) (2005-2011)
- President of the French Time Allocation Committee (2005-2008)

*Institut de radio-astronomie millimétrique (IRAM)*

- Member of the Time Allocation Committee (2009-2011)

*Spitzer*: member of the Time Allocation Committee (2005)

*GENCI*: member of the astrophysics and geophysics committee (CT4, 2016–)

### Conference organization

Chair and co-chair of a number of symposia, conference and workshops on the outskirts of galaxies

### Public outreach

- regular presentations at public events
- multiple contributions to popular science magazines and press releases