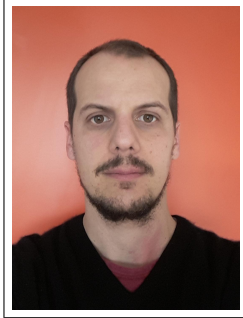


Benoît Epinat

Assistant-Astronomer



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Birth: 11/06/1981
Nationality: French

Scientific interests

Extragalactic astrophysics	Galaxy formation, evolution and mass assembly, physics and kinematics of nearby and high redshift galaxies.
Instrumentation	Integral field spectroscopy (optical and near infra-red).

Education

2008	Physics (Astrophysics) PhD	Université de Provence, Aix-Marseille I, FRANCE
2005	Master “Astronomie & Astrophysique”	Université Paris VII, FRANCE
2004	Master “Optique et Photonique”	Université Paris Sud XI, FRANCE
2004	Engineer in Optics	Institut d'Optique <i>Graduate School</i> , FRANCE

Research and instrumental background

2011	Assistant Astronomer	Laboratoire d'Astrophysique de Marseille FRANCE
2008-	Post-doc position	Institut de Recherche en Astrophysique et Planétologie, FRANCE
2011	Kinematical analysis of the MASSIV sample	Supervisor: Thierry CONTINI
2005-	PhD thesis	Laboratoire d'Astrophysique de Marseille, FRANCE
2008	Title: FROM NEARBY TO DISTANT GALAXIES: KINEMATICS AND DYNAMICS STUDY	Supervisors: Philippe AMRAM (LAM) and Chantal BALKOWSKI (GEPI)
2005	Master stage	Laboratoire de Physique Théorique et Appliquée de Montpellier, FRANCE
	Study of the plerion Vela X from ASCA and HESS data	Supervisor: Yves GALLANT
2004	Master/Engineer stage	Laboratoire d'Astrophysique de Marseille, FRANCE
	Characterization and image processing correction of the optical distortion of the OSIRIS NAC camera (ROSETTA)	Supervisors: Philippe LAMY and Laurent JORDA
2004	Engineer stage	Institut d'Astrophysique de Paris, FRANCE
	Performance study of a Fourier Transform Spectrograph for an Antarctic based observatory	Supervisor: Jean-Pierre MAILLARD
2003	Engineer stage	Osservatorio Astronomico di Palermo, ITALY
	Optical design of an echelle spectrograph, echelle spectra of stars reduction and abundances determination	Supervisors: Giuseppina MICELA, Paolo SPANO and Thierry MOREL

Main publications

63 publications in refereed journals with 2600 citations, 6 as first-author with 550 citations.

Student supervision

PhD thesis

- Since 2019** **Université Paul Sabatier, Toulouse, PhD thesis in Astrophysics**
Co-supervision of W. MERCIER (UPS Doctoral school funding): “Evolution of galaxy dynamics over the last 10 Gyr with MUSE/VLT”
- Since 2017** **Aix-Marseille Université, PhD thesis in Astrophysics**
Supervision of V. ABRIL-MELGAREJO (COCIENCIAS funding): “Impact on environment on galaxy evolution with MUSE”
- Since 2017** **Aix-Marseille Université, PhD thesis in Astrophysics**
Co-supervision of P. ADAMCZYK (AMU Doctoral school funding): “Kinematics studies of local spiral galaxies”
- 2015-2019** **Aix-Marseille Université, PhD thesis in Astrophysics**
Co-supervision of J. GOMEZ-LOPEZ (CONACYT funding): “Kinematics properties of HRS galaxies”
- 2015-2018** **Université Paul Sabatier, Toulouse, PhD thesis in Astrophysics**
Co-supervision of E. VENTOU (UPS Doctoral school funding): “Comprehensive study of the building processes of galaxies over 10 Gyr within the REGAL project”
- 2012-2018** **Aix-Marseille Université, PhD thesis in Astrophysics**
Co-supervision of M. KORSAGA (Foreign funding): “Baryonic and dark matter distribution in nearby spiral and irregular galaxies”
- 2013-2016** **Aix-Marseille Université, PhD thesis in Astrophysics**
Co-supervision of D. PELLICCIA (AMU Doctoral school funding): “Kinematics of COSMOS star-forming galaxies over the last 8 Gyr”
- 2010-2013** **Université de Provence, Aix-Marseille I, PhD thesis in Astrophysics**
Co-supervision of V. PERRET (AMU Doctoral school funding): “Galaxy evolution processes from numerical simulations and high redshift galaxies observations”

Master 2 students

- 2019** **Aix-Marseille University, master of Physics**
Supervision of J. ESTEVES (4 months): “Angular momentum in the GHASP sample”
- 2019** **Paris University, master of Astrophysics**
Co-supervision of W. MERCIER (5 months): “Kinematics of field galaxies at $z \sim 0.7$ with MUSE in the MAGIC dataset”
- 2018** **Aix-Marseille University, master of Astrophysics**
Supervision of S. VICENS (5 months): “Studying the Tully-Fisher relation through PFS simulations”
- 2017** **Lyon University, master of Astrophysics**
Supervision of J. DUMOULIN (5 months): “A new tool to model galaxy kinematics”
- 2016** **Aix-Marseille Université, master of Optics**
Supervision of S. BOUNISSOU (5 months): “Simulation of HARMONI observations”
- 2010** **Université de Provence, Aix-Marseille I, master of Astrophysics**
Supervision of S. BOUAT (6 months): “Detection of star-forming galaxies in $z \sim 1$ clusters with GTC/OSIRIS”
- 2010** **Paris University, master of Astrophysics**
Co-supervision of V. PERRET (3 months): “GalMer merger simulations and high redshift galaxies from the MASSIV sample: comparative study of the kinematics”