Gianluca Castignani - *Curriculum Vitae*

CONTACT INFORMATION	Observatoire de Paris LERMA 61 avenue de l'Observatoire *E-mail:* gianluca.castignani@obspm.fr 75014 Paris, France *webpage:* https://sites.google.com/site/gianlucacastignani/home

ROLE IN THE PROJECT	Based on my experience on AGNs and distant clusters around radio galaxies I will investigate the role of the enviroment on star formation in galaxies belonging to the filaments of Virgo using clustering analysis and targeted observations. I will also potentially contribute to the project on high-z galaxy clusters.

CURRENT POSITION	***Postdoc***	
	Observatoire de Paris, LERMA	**12/2016 - present**
	Laboratoire d'Etudes du Rayonnement et de la Matiére en Astrophysique et Atmosphéres	
	Collège de France	**12/2016 - present**
	• Advisor: Françoise Combes	

FORMER POSITION	**Centre National d'Études Spatiales (CNES) postdoctoral fellow**	
	Laboratorie Lagrange, Observatoire de la Côte d'Azur, Nice, France	**12/2014 - 11/2016**

EDUCATION	PhD in Astrophysics, SISSA, Trieste, Italy	**11/2010 - 10/2014**
	MSc in Physics, University of Pisa, Italy	**07/2008 - 10/2010**
	BSc in Physics, University of Pisa, Italy	**09/2005 - 07/2008**
	Student in Physics, Scuola Normale Superiore, Pisa, Italy	**10/2005 - 09/2010**

WORK EXPERIENCE	***Laboratorie Lagrange***, Observatoire de la Côte d'Azur, Nice, France	**12/2014 - present**
	Euclid consortium, Ground Segment Workpackage Clusters of Galaxies	**06/2015 - present**
	Dark Energy Survey (DES), DES-Brasil consortium, LIneA node	**10/2016 - present**
	altogether 1 year research period at the ***STScI*** (Baltimore, USA)	**2010 - 2014**

FELLOWSHIPS, HONORS, AND AWARDS	CNES postdoctoral fellowship	**11/2014 - 11/2016**
	Ph.D. fellowship at SISSA	**11/2010 - 10/2014**
	Fondazione Angelo Della Riccia Fellowship (3,500 euro) to work at the STScI	**04/2014 - 06/2014**
	Fondazione Angelo Della Riccia Fellowship (1,800 euro) to work at the STScI	**03/2013 - 10/2013**
	ISSNAF/INAF internship to work at the STScI	**07/2010 - 09/2010**
	Scholarship at the Scuola Normale Superiore, Pisa, Italy	**10/2005 - 09/2010**
	Competitor at the Italian Olympiads of Physics for high school students, after qualification	**2005**
	Competitor at the Italian Olympiads of Mathematics for high school students, after qualification	**2005**

SELECTED PUBLICATIONS IN REFEREED JOURNALS	**G. Castignani**, E. Pian, et al. *Multifrequency variability study of the gamma-ray emitting blazar PKS 1510-089*, 2017, arXiv:1612.05281, *A&A* in press • **G. Castignani** & C. Benoist, *A new method to assign galaxy cluster membership using photometric redshifts*, 2016, *A&A*, 595, 111 • **G. Castignani** & G. De Zotti, *AGN torus emission for a homogeneous sample of bright flat spectrum radio quasars*, 2015, *A&A*, 573, 125 • **G. Castignani**, M. Chiaberge, A. Celotti, & C. Norman, *A new method to search for high redshift clusters using photometric redshifts*, 2014, *ApJ*, 792, 113 • **G. Castignani**, M. Chiaberge, A. Celotti, C. Norman, & G. De Zotti, *Cluster candidates around low power radio-galaxies at $z \sim 1 - 2$ in COSMOS*, 2014, *ApJ*, 792, 114 • **G. Castignani**, D. Guetta, E. Pian, L. Amati, S. Puccetti, and S. Dichiara, *Time delays between Fermi-LAT and GBM light curves of gamma-ray bursts*, 2014 , *A&A*, 56, 60 • **G. Castignani**, F. Haardt, A. Lapi, G. De Zotti, A. Celotti, and L. Danese, *Black hole mass estimates for a homogeneous sample of bright flat-spectrum radio quasars*, 2013, *A&A*, 560, 28