

## Gianluca Castignani - *Curriculum Vitae*

CONTACT INFORMATION	Observatoire de Paris LERMA 61 avenue de l'Observatoire 75014 Paris, France	<i>E-mail:</i> gianluca.castignani at obspm.fr <i>webpage:</i> <a href="https://sites.google.com/site/gianlucacastignani/home">https://sites.google.com/site/gianlucacastignani/home</a>
ROLE IN THE PROJECT	I will investigate the role of the environment on processing gas in Virgo filament galaxies by means of both interferometric high-spatial resolution observations in mm (I am the PI of a NOEMA proposal) and clustering analyses. I will also contribute to the project on high- $z$ galaxy clusters. The proposed contribution will benefit mainly from my experience on radio-loud AGNs and distant clusters.	
CURRENT POSITION	<b>Postdoc</b>	
	Observatoire de Paris, LERMA	<b>12/2016 - present</b>
	Laboratoire d'Etudes du Rayonnement et de la Matière en Astrophysique et Atmosphères	
	Collège de France	<b>12/2016 - present</b>
	• Advisor: Françoise Combes	
FORMER POSITION	<b>Centre National d'Études Spatiales (CNES) postdoctoral fellow</b>	
	Laboratoire Lagrange, Observatoire de la Côte d'Azur, Nice, France	<b>12/2014 - 11/2016</b>
EDUCATION	PhD in Astrophysics, SISSA, Trieste, Italy	<b>11/2010 - 10/2014</b>
	MSc in Physics, University of Pisa, Italy	<b>07/2008 - 10/2010</b>
	BSc in Physics, University of Pisa, Italy	<b>09/2005 - 07/2008</b>
	Student in Physics, Scuola Normale Superiore, Pisa, Italy	<b>10/2005 - 09/2010</b>
WORK EXPERIENCE	<b>Laboratoire Lagrange</b> , Observatoire de la Côte d'Azur, Nice, France	<b>12/2014 - 11/2016</b>
	<b>Euclid consortium</b> , Ground Segment Workpackage Clusters of Galaxies	<b>06/2015 - present</b>
	<b>Dark Energy Survey (DES)</b> , DES-Brasil consortium, LIneA node	<b>10/2016 - present</b>
	Altogether 1 year research period at the <b>STScI</b> (Baltimore, USA)	<b>2010 - 2014</b>
FELLOWSHIPS, HONORS, AND AWARDS	Marie Skłodowska-Curie Actions (MSCA) 2017. Seal of Excellence. Score = 87.20%.	<b>03/2018</b>
	CNES postdoctoral fellowship	<b>11/2014 - 11/2016</b>
	Ph.D. fellowship at SISSA	<b>11/2010 - 10/2014</b>
	Fondazione Angelo Della Riccia Fellowship ( 3,500 euro) to work at the STScI	<b>04/2014 - 06/2014</b>
	Fondazione Angelo Della Riccia Fellowship ( 1,800 euro) to work at the STScI	<b>03/2013 - 10/2013</b>
	ISSNAF/INAF internship to work at the STScI	<b>07/2010 - 09/2010</b>
	Scholarship at the Scuola Normale Superiore, Pisa, Italy	<b>10/2005 - 09/2010</b>
	Competitor at the Italian Olympiads of Physics for high school students, after qualification	<b>2005</b>
	Competitor at the Italian Olympiads of Mathematics for high school students, after qualification	<b>2005</b>
SELECTED PUBLICATIONS IN REFEREED JOURNALS	<b>G. Castignani</b> , E. Pian, et al. <i>Multifrequency variability study of the gamma-ray emitting blazar PKS 1510-089</i> , 2017, arXiv:1612.05281, <i>A&amp;A</i> in press • <b>G. Castignani</b> & C. Benoist, <i>A new method to assign galaxy cluster membership using photometric redshifts</i> , 2016, <i>A&amp;A</i> , 595, 111 • <b>G. Castignani</b> & G. De Zotti, <i>AGN torus emission for a homogeneous sample of bright flat spectrum radio quasars</i> , 2015, <i>A&amp;A</i> , 573, 125 • <b>G. Castignani</b> , M. Chiaberge, A. Celotti, & C. Norman, <i>A new method to search for high redshift clusters using photometric redshifts</i> , 2014, <i>ApJ</i> , 792, 113 • <b>G. Castignani</b> , M. Chiaberge, A. Celotti, C. Norman, & G. De Zotti, <i>Cluster candidates around low power radio-galaxies at <math>z \sim 1 - 2</math> in COSMOS</i> , 2014, <i>ApJ</i> , 792, 114 • <b>G. Castignani</b> , D. Guetta, E. Pian, L. Amati, S. Puccetti, and S. Dichiara, <i>Time delays between Fermi-LAT and GBM light curves of gamma-ray bursts</i> , 2014, <i>A&amp;A</i> , 566, 60 • <b>G. Castignani</b> , F. Haardt, A. Lapi, G. De Zotti, A. Celotti, and L. Danese, <i>Black hole mass estimates for a homogeneous sample of bright flat-spectrum radio quasars</i> , 2013, <i>A&amp;A</i> , 560, 28	