

Diana Scognamiglio



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EDUCATION AND TRAINING

03/2019-nowadays

PhD project

Argelander-Institut für Astronomie, Bonn (Germany)

Title: “Preparing for weak lensing measurements with the Euclid spaceprobe”

01/2018-03/2019

“Spectroscopic follow-up of the brightest massive ultra-compact galaxies selected in the KIDS public survey” project

Astronomical Observatory of Capodimonte, Naples (Italy)

[C. Tortora, N.R. Napolitano, C. Spiniello, M. Spavone, G. D’Ago, **D. Scognamiglio**]

04/09/2017-16/09/2017

2017 NEON Observing School

La Palma (Spain)

General content: Modern telescopes, Optical and Infrared techniques, imaging and spectroscopy

19/09/2015-29/09/2015

Scholarship

Lomonosov Moscow State University

Subjects: Cosmology and Astrophysics

09/2014-01/2018

Master of Physics

University of Naples Federico II - Department of Astrophysics

Title: “The quest for cosmic strings: astrophysical methods”

09/2010-09/2014

Bachelor of Physics

University of Naples Federico II - Department of Physics 21, Via Cinthia, Complesso Universitario di Monte Sant'Angelo, 80126 Naples (Italy)

<http://www.fisica.unina.it/>

Title: “La luce diffusa tra le galassie” (“The intracluster light”)

09/2013-10/2013

Exchange Student program: “Messaggeri della conoscenza” (“Knowledge Messengers” project)

Lomonosov Moscow State University
ul. Leninskiye Gory, 1, 119991 Moscow (Russia)
<http://www.msu.ru/en/>

Subjects: Cosmology and Astrophysics

**WORK
EXPERIENCE**

01/08/2015-01/09/2015

Staff Support

Sector: Accommodation and food service activities
The Restaurant Group Plc
Gatwick Airport - North Terminal, Horley, RH6
0NN (United Kingdom)
<http://www.gatwickairport.com/at-the-airport/shopping-eating/restaurants/armadillo/>

**PERSONAL
SKILLS**

Languages

Italian: mother tongue
English: professional
French: basic

Digital competence

Good command of office suite: word processor,
spread sheet, presentation software
Good command of LaTeX, SAOIMAGE
DS9, TopCat, IRAF
Basic: Python, MATLAB

**ADDITIONAL
INFORMATION**

Schools

Hands-on multi-probe mass measurements in galaxy clusters[18-21/06/2018]

Physics Department of the University of Milan, Via
Celoria 16, Milan (Italy)

PhD School of Astrophysics “Francesco Lucchin”[23-27/05/2016]

INAF-Osservatorio di Capodimonte, Salita
Moiariello, 16, 80131, Naples (Italy)

Russian-Italian School on Astrophysics and Cosmology at Dubna [13-19/09/2015]

Presentation: Cosmic strings: possible candidates on
the radio and optical data.

[Sazhina O.S., Scognamiglio D., Sazhin M.V.,
Safarova K.M.]
ul. Universitetskaya, 19, 141982, Dubna,
Moskovskaya oblast' (Russia)

Project	<p>Observational activity: “Misura della velocità della luce attraverso l'osservazione dei satelliti Gioviiani” (“Measurement of the speed of light through the observation of Jupiter satellites” A.Y. 2013/14 Tutor: Prof. Maurizio Paolillo</p>
Publication	<p>O. Sazhina, D. Scognamiglio, M.V. Sazhin: Observational constraints on the types of cosmic strings, 2014, EPJ C, 74:2972</p> <p>C. Tortora, N.R. Napolitano et al.: The first sample of spectroscopically confirmed ultra-compact massive galaxies in the Kilo Degree Survey, 2018, MNRAS, eprint arXiv:1806.01307</p> <p>O. Sazhina, D. Scognamiglio et al.: Optical analysis of the CMB cosmic string candidate, 2019, MNRAS, 485, 2</p> <p>D. Scognamiglio, M. Spavone, C. Tortora et al.: New spectroscopically confirmed Ultra Compact Massive Galaxies sample in KiDS, in preparation</p>
Conferences	<p>The International Workshop and School “Black and Dark Topics in Modern Cosmology and Astrophysics” [15-22/09/2013] ul. Universitetskaya, 19, 141982, Dubna, Moskovskaya oblast' (Russia)</p> <p>Active Galactic Nuclei 12 [26-29/09/2016] Conference Center- University Federico II, 36, 80121, Via Partenope, Naples (Italy)</p>
Memberships	<p>Member of the Italian Physical Society [2015-today]</p>
Observing runs	<p>September 2017 (25 hours): La Palma (Spain), NOT and INT (within 2017 NEON School)</p>
Teaching	<p>Teaching duties during the PhD position at AIfA: Optical Astronomy [04/2019-nowadays]</p>