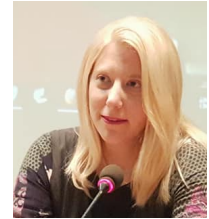


## DR. KALLIOPI MARIA DASYRA

---



Assistant Professor, Department of Astrophysics, Astronomy, & Mechanics,  
Faculty of Physics, National and Kapodistrian University of Athens, Greece  
Contact: +30 210 727 6815 | kdasyra@phys.uoa.gr

<b>ACADEMIC TRACK</b>	National and Kapodistrian University of Athens (UoA) <i>Assistant Professor; 6/2019 - ...</i> National Observatory of Athens (NOA), Greece <i>Research Associate – Coordinator of HFRI research team; 8/2018 - ...</i> National and Kapodistrian University of Athens, Greece <i>Marie Curie Fellow (Intra-European Fellowship #627195); 9/2014-9/2016</i> Observatory of Paris, France <i>Post-doctoral Research Associate; 1/2014-6/2014</i> <i>French Space Agency (CNES) Post-doctoral Fellow; 10/2011-10/2013</i> Commissariat à l’Energie Atomique (CEA), France <i>Marie Curie Fellow (Intra-European Fellowship #235038); 10/2009-09/2011</i> California Institute of Technology, USA <i>Post-doctoral Research Associate (funded by NASA grants); 08/2006-09/2009</i> Max Planck Institut für Extraterrestrische Physik, Germany <i>Ph.D. student (supervisors: Dr L. Tacconi, Prof R. Genzel); 09/2003-08/2006</i>
<b>EDUCATION</b>	Ph. D., Nat. Sciences, Ludwig Maximilian Universität, München, Germany (2006) M. Sc., Physics, honours in Astrophysics, University of Crete, Greece (2003) B. Sc., Physics, University of Crete, Greece (2002)
<b>AWARDS</b>	Greek L’Oréal-UNESCO award for Women in Science, 2016
<b>SCIENTIFIC INTERESTS</b>	<i>evolution of galaxies in the last ~10 Gyrs, the role of mergers on galaxy evolution, galaxy dynamics and masses, star formation, interstellar medium properties, identification and mass measurements of black holes, growth &amp; feedback of black holes and its impact on galaxy evolution.</i>
<b>PUBLICATIONS</b>	In total: 55 peer-reviewed articles, H index=35, ~4400 citations As first author: 15 peer-reviewed articles, ~780 citations <i>publications accessible at <a href="http://adsabs.harvard.edu/cgi-bin/nph-abs_connect?author=dasyra">http://adsabs.harvard.edu/cgi-bin/nph-abs_connect?author=dasyra</a></i>
<b>COMMISSIONS OF TRUST</b>	Evaluation Panel for the EC Marie-Sklodowska Curie Fellowships (2014-2018) Evaluation Panel for other EC funding scheme (under confidentiality; 2017) Referee for the journals ApJ, AJ, A&A, MNRAS Member of Ph.D. committees (Leiden University: L. Vermaas, 01/2012, UoA: Z. Spetsieri, 09/2019, A. Nerserian, 10/2019, E. Pouliasis, 02/2020)
<b>MEMBERSHIPS</b>	International Astronomical Union (IAU), Hellenic Astronomical Society
<b>SOFT SKILLS</b>	funding acquisition and budget management of ~860.000 € studies of ~700 galaxies from (space/ground-based) telescope data >55 talks in scientific conferences, 17 of which as invited speaker
<b>FUNDING ACQUISITION</b>	199.980€ Hellenic Foundation For Research & Innovation (HFRI) grant 216.950€ FP7 Marie Curie Intra-European Fellowship (proposal # 627195) 79.980€ French Space Agency Postdoctoral Fellowship 160.100€ FP7 Marie Curie Intra-European Fellowship (proposal # 235038) 191.000\$ share of NASA grants GO-11142.06-A ( <i>Hubble</i> ) and #40025 ( <i>Spitzer</i> ) 23.700\$ NASA <i>Spitzer</i> grant #494

**TIME ALLOCATION TELESCOPES** Principal investigator of 12 successful proposals for data acquisition from major international facilities in optical, infrared, and (sub-)mm wavelengths, including: *Atacama Large Millimeter Array (ALMA)*, *IRAM Plateau de Bure Interferometer*, *IRAM 30m telescope*, *Submillimeter Array (SMA)*, *Palomar Observatory*, *Spitzer Space Telescope Director Discretionary time*, *Herschel Space Telescope*  
Tens of other proposals as co-I at the above-mentioned facilities, as well as at the *ESO Very Large Telescope*, *Keck*, *Gemini*.

**HIGH-POWER COMPUTERS** GRNET ARIS supercomputer (100.000 core hours; 2017)  
GRNET Okeanos cluster (16 Virtual Machines; 2016)

**SPACE MISSION PREPARATION** coauthor of the 2011 European Space Agency (ESA) Assessment Study Report for the proposed SPICA space mission, SAFARI instrument

---

**SUPERVISION EXPERIENCE** *Supervisor of 9 students & 4 postdoctoral associates*  
Postdocs: A. Audibert (NOA; 2019-...), I. Ruffa (NOA; 2020), T. Bisbas (NOA; 2019), J. A., Fernandez-Ontiveros (NOA; 2019)  
Ph.D. Student: M. Papachristou (NOA/UoA; 2017-...)  
M.Sc. Student: A. Gkogkou (NOA/UoA; 2017-20)  
Undergraduates: I. Kallimanis (2019- ...), T. Gerasopoulou (2020), N. Filis (2020), A. Kolokotronis (2020), F. Palamidas (2020), M. Choutopoulou (2020), C. Sofra (2020)  
*Co-supervisor of 10 students*  
M.Sc. Students: G. Paraschos (NOA/UoA; 2018-19), C. Fotopoulou (UoA; 2017-18)  
Undergraduates: T. Topkaras (Auth; 2019-20), I. Skretas (UoA; 2017-18), G. Paraschos (UoA; 2016-17), V. Skliris (UoA; 2014-15), M. Kourakou (NOA/UoA; 2020)  
Interns: A. Bostrom (Observatory of Paris; 2013), A. Solomon (Caltech; 2008), D. Cormier (Caltech; 2007-08), B. McClinton (Max Planck Institute - MPE; 2005)

**TEACHING** “Observational Astronomy (PHYS160)”, UoA  
“Galactic & Extragalactic Astronomy (PHYS191)”, UoA  
“Laboratory I (PHYS206): Astrophysics”, UoA  
“Specialization Laboratory (PHYS242): galaxy rotation curves & dark matter”, UoA  
Creation of material as visiting instructor for the courses:  
“Introduction to Astrophysics”, Université Denis Diderot, Paris, 2013  
“Radio astronomy: Milky Way mass”, Université Pierre et Marie Curie, Paris, 2011  
“Computational Physics”, University of Crete, 2000-2001  
“Programming in C, C++”, University of Crete, 2001-2002

**CONFERENCE ORGANIZATION** *organizer*: James Webb Space Telescope Master Class Workshop, Greece, 02/2020  
*Scientific Organization Committee (SOC) member*:  
European Week of Astronomy & Space Science (EWASS), Special Session 7, 2019  
Hellenic Astronomical Society Meeting, 2021

**INVITED SCIENCE TALKS** 8 Invited Institutional Colloquia/Seminars  
5 Invited International Conference Talks (e.g., Hellenic Astronomical Society 2019)  
3 Invited Astrophysics Winter/Summer School Lectures  
1 Invited Review Talk at International Conference (EWASS 2016, Symposium 12)

**PUBLIC TALKS & OUTREACH** 5 Invited science diffusion talks, including at a TEDx (University of Aegean; 2017), at the Athens Science Festival (2017), and at the Eugenides Foundation (2019)  
Several press releases: e.g., in phys.org, EC Horizon magazine, CNES magazine  
3D animation of jet-driven winds (<https://youtu.be/sopEHuZeOgY>)