

# CURRICULUM VITAE

Manolis Xilouris is an astronomer working at the National Observatory of Athens (NOA) since 2003. He is currently serving as the Acting Director of the Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing (IAASARS) of the National observatory of Athens, and is in charge of Helmos and Kryoneri observatories. His research mainly focuses on the study of the interstellar gas and dust properties in nearby galaxies. He uses observations mainly in optical, infrared, and radio wavelengths as well as radiative transfer models in order to simulate the optical and infrared appearance of galaxies, and Spectral Energy Distribution (SED) codes to model their multiwavelength emission. His early work on radiative transfer modelling of spiral galaxies has been pioneering in this field with the corresponding papers highly cited. He has conducted studies of the properties of the dense molecular clouds and dust in (Ultra) Luminous Infrared Galaxies using observations from ground-based telescopes (JCMT, IRAM-30m) and the Herschel Space Observatory. He is also active in astronomical instrumentation in optical telescopes (Aristarchos telescope, Kryoneri telescope) and infrared observatories (Herschel-HIFI). Lately, for the last five years, he is actively participating in projects related to optical and quantum telecommunications as well as to Space Surveillance and Tracking (SST) and Space Situational Awareness (SSA) activities.

He is leading the efforts in activities related to optical communications, a new field recently introduced (2019) at IAASARS. He had the leading role in the success of iconic activities and experiments related to this field (among others, the Deep Space Optical Communication links with NASA's space-probe Psyche at 300 million kilometres distance, the optical communication links with Alphasat satellite, and the Quantum telecommunications developments within the HellasQCI network).

He has a total of 213 publications with 119 of them in refereed journals (all with impact factors above 3). The total number of citations to his publications is more than 7300 with the Hirsch index to his publications being 48. His research has attracted funding coming from European, ESA, and National competitive schemes with a total of ~950.000 € as PI and ~2.500.000 € as co-PI. He has supervised 6 postdoctoral researchers and 3 PhD students as the main supervisor (member of the evaluation committee in 14 PhDs) as well as MSc, and BSc students. He has participated in several international collaborations and he is regularly acting as a reviewer in astronomical journals and science organizations.



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## PERSONAL DATA

**UPDATED 30 SEPTEMBER 2025**

**Name:** Manolis (Emmanuel) Xilouris

**Date of birth:** February 10<sup>th</sup>, 1970

**Place of birth:** Heraklion Crete, Greece

**Nationality:** Hellenic

**Working Address:** Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing, National Observatory of Athens, I. Metaxa & V. Pavlou, GR-152 36 P. Penteli, Athens.

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**Researcher ID:** <http://www.researcherid.com/rid/K-9459-2013>

## 1. EDUCATION

□ 09/1994 - 03/1999

**PhD in Astrophysics**, Department of Physics, National Kapodistrian University of Athens.

▪ Title: "Distribution of stars and dust in spiral galaxies"

▪ Supervising committee: N. Kylafis, M. Kontizas, E. Livaniou

□ 09/1992 - 09/1994

**MSc in Astrophysics**, Department of Physics, University of Crete.

□ 09/1988 - 09/1992

**BSc in Physics**, Department of Physics, University of Crete.

## 2. EMPLOYMENT

June 2025 – present

**Acting Director** of the Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing (I.A.A.S.A.R.S.) of the National Observatory of Athens (N.O.A.).

September 2023 – present

**Deputy Director** of the Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing (I.A.A.S.A.R.S.) of the National Observatory of Athens (N.O.A.).

June 2017 - present

**Researcher Grade A' (Research Director)**, National Observatory of Athens (N.O.A.) – Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing (I.A.A.S.A.R.S.).

April 2011 – June 2017

**Researcher Grade B' (Senior Researcher)**, National Observatory of Athens (N.O.A.) – Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing (I.A.A.S.A.R.S.).

February 2007 – April 2011

**Researcher Grade C' (Associate Researcher)**, National Observatory of Athens (N.O.A.) – Institute for Astronomy and Astrophysics (I.A.A.).

July 2003 – February 2007

**Researcher Grade D' (Assistant Researcher)**, National Observatory of Athens (N.O.A.) – Institute for Astronomy and Astrophysics (I.A.A.).

November 2001 – June 2003

**Post-Doctoral Researcher**, Commissariat a l'Energie Atomique (C.E.A.), Saclay, France.

January 2001 – August 2001

**Post-Doctoral Researcher**, Foundation for Research and Technology Hellas (FO.R.T.H.).

May 1999 – January 2001

**Military Service in the Greek Air-Force.**

### 3. ADMINISTRATIVE EXPERIENCE

June 2025 – present

**Acting Director** of the Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing (I.A.A.S.A.R.S.) of the National Observatory of Athens (N.O.A.).

September 2023 – present

**Deputy Director** of the Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing (I.A.A.S.A.R.S.) of the National Observatory of Athens (N.O.A.).

2022 - present

**Greek representative** in the Expert Team of Sensors Operations in the EU Space Surveillance and Tracking (SST) partnership (2022-today).

2012 - 2014

**President of the Scientific Board** of the Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing (I.A.A.S.A.R.S.) of the National Observatory of Athens (N.O.A.).

2019 - present

**Technical manager** of all projects related to optical telecommunications (e.g., ESA/ScyLight project "Fibre in the Sky", HellasQCI, Psyche Deep Space Optical Communication (DSOC) demonstration, Greek Obs2OGS ESA activity for the upgrade of the Aristarchos telescope into an Optical Ground Station).

2016 - 2024

**Member of the board of Directors** for the OPTICON and the Optical RadioNet Pilot Project (ORP).

2014 – 2018

**Elected member of the governing Board (Treasurer)** of the Hellenic Astronomical Society.

2011 – present

**Member of selection committees of permanent researchers.** Since his appointment as a Senior Researcher, he has been a member of more than 15 selection committees of permanent researchers in various institutions around Greece. Currently, acting as an Acting Director of I.A.A.S.A.R.S. he is chairing 3 selection committees.

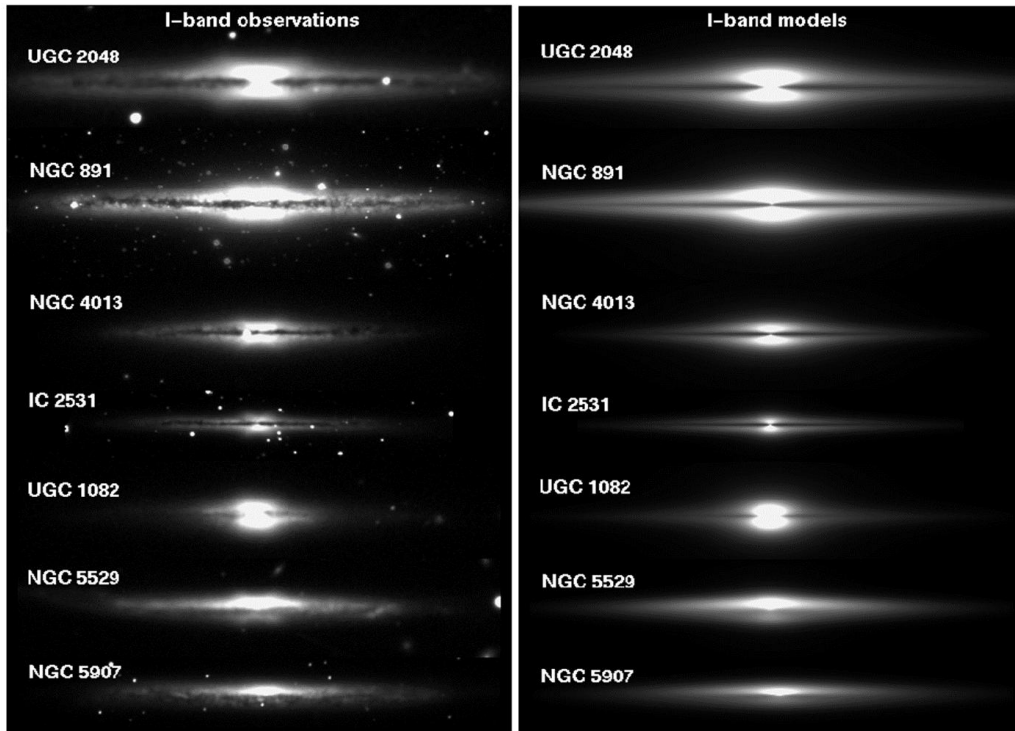
2003 - present

**Director of Kryoneri and Helmos Astronomical Stations** (from 2025 – present), of the National Observatory of Athens (N.O.A.). He was the Deputy Manager of the two stations in the period between 2003 and 2015 and Manager of the two stations in the period between 2015 and 2025.

## 4. SUMMARY OF RESEARCH AREAS

His research focuses on the exploration of the gas and dust properties in nearby galaxies. He uses observations, mainly in optical and infrared/submm/mm wavelengths, as well as radiative transfer and SED (Spectral Energy Distribution) fitting models in order to simulate the optical and infrared appearance of galaxies as well as to derive physical quantities that govern their formation and evolution. He has also contributed in studies of the ISM in our Galaxy (mapping in optical wavelengths of supernovae remnants, and planetary nebulae), as well as in multiwavelength variability studies of Blazars and X-ray properties of AGN. He has experience in astronomical instrumentation in optical telescopes (Aristarchos and Kryoneri telescope) and infrared observatories (Herschel-HIFI). Recently (for the last 5 years) he is actively involved in space optical communications experiments as well as in Space Surveillance and Tracking (SST) and Space Situational Awareness (SSA) activities. A brief presentation of his main activities follows:

**Radiative transfer modelling of galaxies** - He has performed Radiative Transfer calculations in spiral galaxies. The codes that he uses assumes 3D geometry and are based on the method described in Kylafis & Bahcall (1987) utilizing the algorithm of scattered intensities and Monte Carlo, both taking into account absorption and multiple scattering of the stellar light by the dust grains.

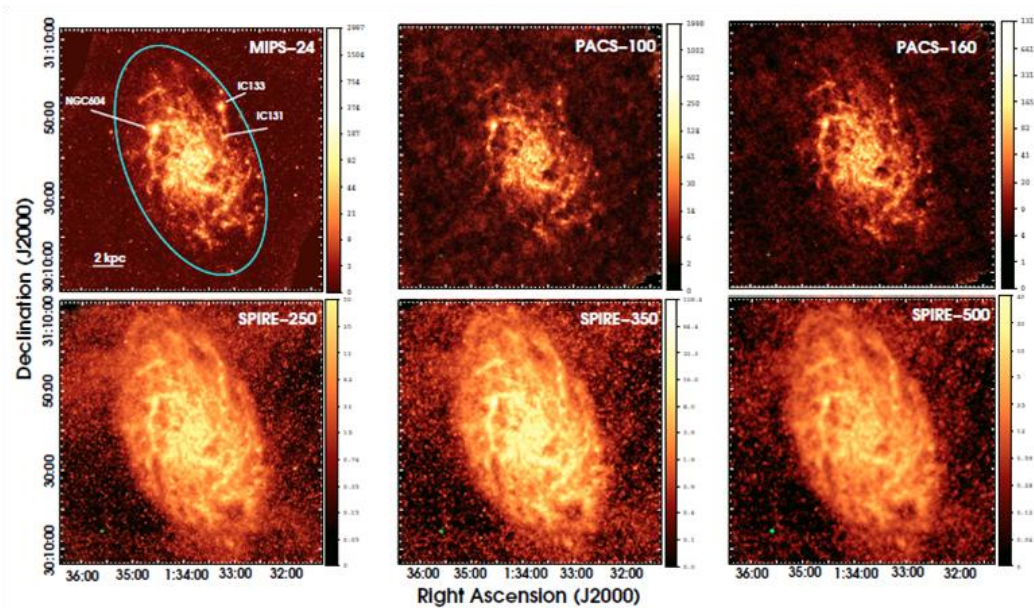


**Left:** Observations of 7 edge-on spiral galaxies in the optical I-band (Skinakas observatory).  
**Right:** the respective radiative transfer 3D model of these galaxies (from Xilouris et al. 1999).

Relevant publications are (see Annex I): Viaene et al., 2020, Nersesian et al. 2020a, 2020b, Verstocken et al. 2020, Bianchi et al. 2011, Misiriotis et al. 2006, Dasyra et al. 2005, Misiriotis et al. 2000, Xilouris et al. 1997, Xilouris

et al. 1998, Xilouris et al. 1999. His early work has been pioneering in this field tackling the long-standing question in astrophysics, if spiral galaxies are optically thin or thick in optical light given their content of dust grain material. The corresponding papers have been highly cited (Xilouris et al. 1999 [272 citations], Xilouris et al. 1998 [115 citations], Xilouris et al. 1997 [99 citations]). His former PhD student (A. Nersesian; see Sect. 8) has conducted Radiative Transfer studies as part of his PhD (Nersesian et al. 2020a, 2020b). Related funding programs (see Sect. 7): "A Definitive Study of Dust in the Local Universe (DustPedia)"; "Tracing dust in spiral galaxies: radiative transfer studies in the dawn of a new generation of observing facilities"; "Morphology and Dynamics of Spiral Galaxies"; "Energy budget in spiral galaxies"; "Are galaxies optically thin or thick?"

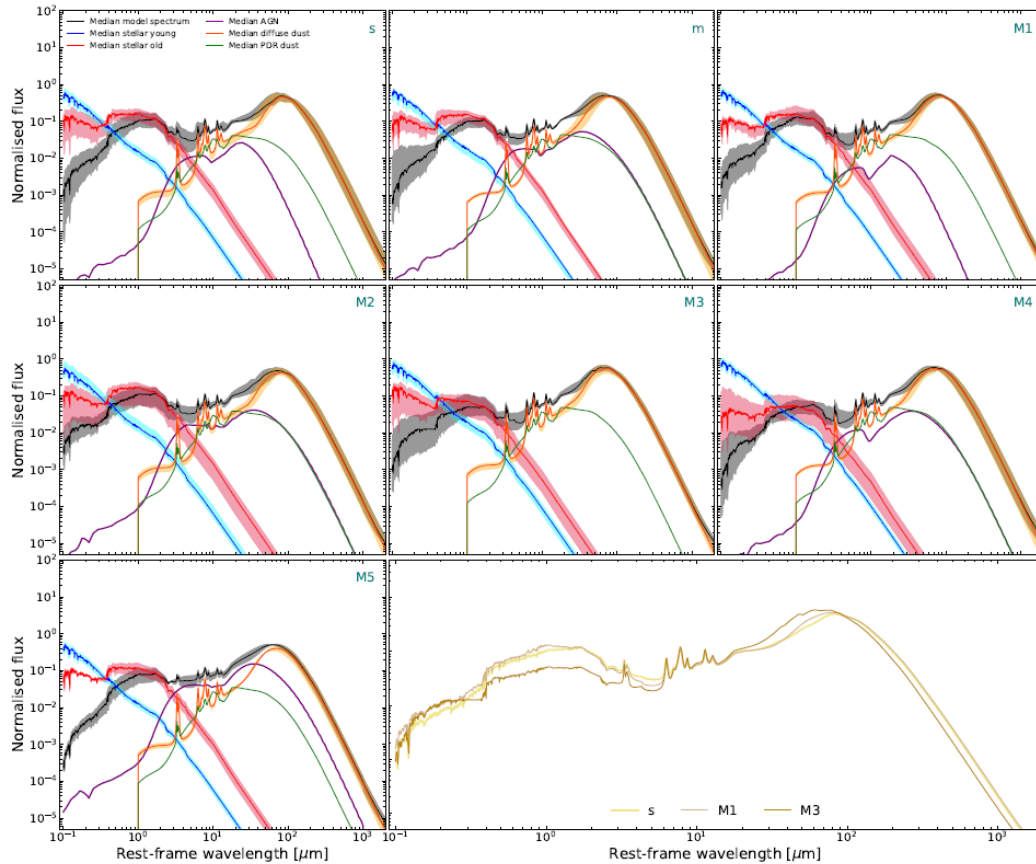
**Infrared to millimeter properties of nearby galaxies** - He has analyzed infrared/sub-millimeter/millimeter observations of nearby galaxies using data coming from either ground-based telescopes (JCMT, IRAM-30m) or space telescopes (IRAS, ISO, Spitzer, Akari, Herschel, JWST). He is a member of several consortia related to large observing programs, such as, the Herschel M33 Extended Survey (HerM33es), the Herschel Virgo Cluster Survey (HeViCS), the Fornax Virgo Cluster Survey (HeFoCS), the Herschel Comprehensive (U)LIRG Emission Survey (HerCULES), the Herschel Observations of Edge-on Spirals (HEROES), the New HERSchel Multi-Wavelength Extragalactic Survey of Edge-on Spirals (NHEMESES), the Interpreting Millimeter Emission of Galaxies with IRAM and NIKA2 (IMEGIN). Relevant publications are (see Annex I): Ejlali et al. 2025, Chasten et al. 2024, Katsioli et al. 2023, Paspaliaris et al. 2023, Mosenkov et al. 2022, Bianchi et al. 2022, Nersesian et al. 2021, Paspaliaris et al. 2021, Galliano et al. 2021, Baes et al. 2020, Kramer et al. 2020, Trcka et al. 2020, Casasola et al. 2020, Bianchi et al. 2019, Clark et al. 2019, Davies et al. 2019, Nersesian et al. 2019, De Vis et al. 2019, Mosenkov et al. 2019, Bianchi et al. 2018, Relano et al. 2018, Clark et al. 2018, Casasola et al. 2017, Corbelli et al. 2017, Vika et al. 2017, Davies et al. 2016, Relano et al. 2016, Lianou et al. 2016, Zhang et al. 2016, Hermelo et al. 2016, Boquien et al. 2015, Ciesla et al. 2015, Capala et al. 2014, Tabatabaei et al. 2014, Bocchio et al. 2013, Relano et al. 2013, Verstappen et al. 2013, Kramer et al. 2013, di Serego Alighieri et al. 2013, Davies et al. 2013, Auld et al. 2013, Xilouris et al. 2012, Holwerda et al. 2012, Smith et al. 2012, Combes et al. 2012, Boquien et al. 2011, Boselli et al. 2011, Ivison et al. 2011, Braine et al. 2010, de Looze et al. 2010, Baes et al. 2010, Grossi et al. 2010, Smith et al. 2010, Clemens et al. 2010, Cortese et al. 2010, Davies et al. 2010, Boselli et al. 2010, Boquien et al. 2010, Verley et al. 2010, Kramer et al. 2010, Gratier et al. 2010, Bitsakis et al. 2010, Zhu et al. 2009, Xilouris et al. 2006, Xilouris et al. 2004a, 2004b, Alton et al. 2004, Alton et al. 2000a, 2000b, Alton et al. 1998. Three of his former PhD students (A. Nersesian, E. Paspaliaris, S. Katsioli) and four postdocs (V. Masoura, L. Cassara, M. Vika, M. Rovilos; see Sect. 8) have conducted relevant analysis and published articles.



The nearby spiral galaxy M33 observed by Herschel Space Observatory (HerM33es; from Xilouris et al. 2012).

Related funding programs (see Sect. 7): "Anatomy of galaxies: their stellar and dust content throughout cosmic time"; "A Definitive Study of Dust in the Local Universe (DustPedia)"; "Tracing dust in spiral galaxies: radiative transfer studies in the dawn of a new generation of observing facilities"; "La modelisation des galaxies de type precoces: un vestige de leur origine et un indice de leur evolution"; "Morphology and Dynamics of Spiral Galaxies"; "Energy budget in spiral galaxies"; "Are galaxies optically thin or thick?"

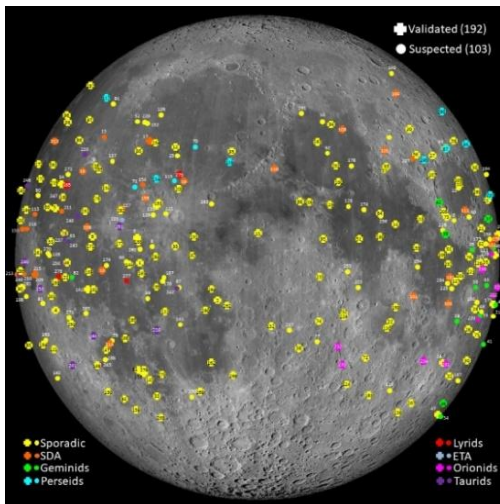
**(Ultra) Luminous Infrared Galaxies** - He has conducted studies of the properties of the dense molecular clouds and dust in (U)LIRGs using observations from ground-based telescopes (JCMT, IRAM-30m) and Herschel Space Observatory. He is a member of the Herschel Comprehensive (U)LIRG Emission Survey (HerCULES) and PI of a 3-year program (EU/Greece funded; Aristeia) entitled "A Step in the Dark: The Dense Molecular Gas in Galaxies (DeMoGas)", (Total budget: €210,000) . Check out this [video](#) (in Greek only) from the "2012 Research Projects" funded by the [John S. Latsis Public Benefit Foundation](#). Relevant publications are (see Annex I): Paspaliaris et al. 2021, Rosenberg et al. 2015, Greve et al. 2014, Rosenberg et al. 2014, Papadopoulos et al. 2014, Papadopoulos et al. 2012a, 2012b, Ivison et al. 2011, Gonzalez-Alonso et al. 2010, van der Werf et al. 2010, Papadopoulos et al. 2010. His former PhD students (A. Nersesian, E. Paspaliaris) and his postdoc (I. Leonidaki; see Sect. 8) have conducted relevant analysis and published articles.



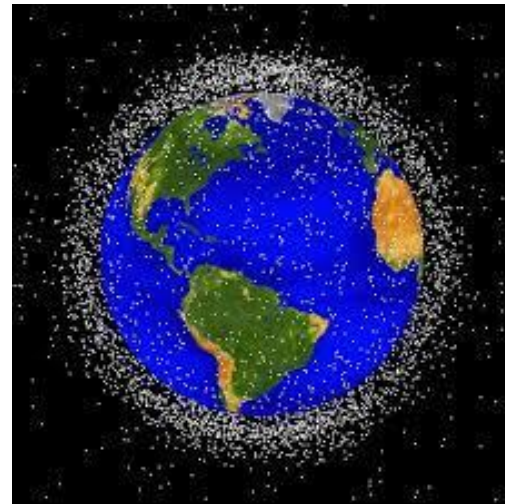
Median SEDs of the local (U)LIRGs, separated in classes based on their merging stage. Classes 's', 'm', and 'M1' are presented in the three top panels (from left to right), and classes 'M2', 'M3', and 'M4' are presented in the three middle panels, while in the bottom-left panel the median SED of the 'M5' class is plotted. The bottom-right panel shows the comparison among the median SEDs of 's', 'M1', and 'M3' classes, allowing for the differences to be spotted (from Paspaliaris et al. 2021).

Related funding programs (see Sect. 7): "A step in the Dark: The Dense Molecular Gas in Galaxies"; "Probing inside the dense molecular clouds in galaxies"; "European Network for the Investigation of Galactic nuclei through Multifrequency Analysis (ENIGMA)"; "Active and non-Active Galactic Nuclei: Observations and modeling".

**Space Situational Awareness and Space Surveillance and Tracking** - He is a member of the [NELIOTA](#) team. [NELIOTA](#) aims to determine the distribution and frequency of small near-earth objects (NEOs) by monitoring lunar impact flashes. The [NELIOTA](#) project has established an operational system that started monitoring the Moon for faint NEO impacts in early 2017, using the 1.2m [Kryoneri telescope](#), located in the Northern Peloponnese, in Greece. Relevant publications are (see Annex I): Liakos et al. 2024, Liakos et al. 2020, Xilouris et al. 2018, Bonanos et al. 2018.



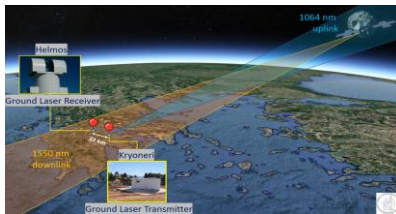
Location of the NEO impact flashes detected so far by NELIOTA (from Liakos et al. 2024).



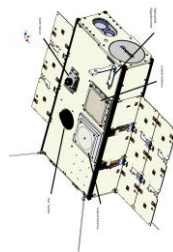
Satellites orbiting around the earth (artist's impression).

The National Observatory of Athens is the signatory authority for the European Space Surveillance and Tracking (EU SST) Partnership. For the programmatic period 2023-2028, and under signed MOUs between NOA and the involved Greek Institutions (AUTH, FORTH, and NTUA), NOA coordinates the engagement and scheduling of Greek Assets towards the implementation of the Space Regulation SST Service contract and the 5 Horizon Europe research projects. M.X. is responsible for the operations of the services provided by the 1.2m Kryoneri telescope to the EU SST ensuring the timely response to the observing requests. He is also the PI of one of the R&D activities under the Horizon Europe 5 (HETOP5) project (~200.000 €). Within this activity a quantum communication network between the Kryoneri observatory and the National Operational Center of the EU SST in Greece (placed in Penteli in Athens) is under construction (benefiting to a large degree from the HellasQCI infrastructure) aiming at demonstrating the transfer of sensitive EU SST data using the Quantum Key Distribution (QKD) encryption (his postdoc, K. Tsimvrakidis, is currently working on this project). In July 2022, he participated in the Global Sentinel annual capstone event held at Vandenberg Space Force Base, California. This event, organized by U.S. Space Command, is a premier security cooperation effort designed to strengthen and expand international partnerships, enhance operational collaboration, and promote responsible behavior in the space domain. During the two-week program, he had the privilege of receiving specialized training in space awareness and safety practices. He is also the person who initiated the discussions with three Polish agencies and companies (POLSA – the Polish Space Agency, Cilium Engineering, and Sybilla Technologies) for the installation and hosting of three stations at Kryoneri observatory site, now contributing to the Space Surveillance and Tracking. Currently he is the Project Manager for the installation of a fully robotic 80cm alt-az telescope to be installed at Kryoneri observatory planned to be 90% dedicated for the EU SST purposes. Related funding programs (see Sect. 7): "HE\_EUSST\_SD\_TOP5, SST Networking, "DEVISE", "EUSST/GR Kryoneri", Security & Data sharing"; "CENTER FOR SECURITY, SAFETY & HAZARD'S RISK RESILIENCE IN GREECE AND THE SOUTHEAST MEDITERRANEAN"; "EUSST/GR Kryoneri"; "Sybilla-CONST"; "KLEOPS1"; "KLEOPS2"; "NEO Lunar Impacts and Optical TrAnsients".

**Optical and quantum telecommunications** - He is the Project Manager for all activities undertaken by the IAASARS of the National Observatory of Athens concerning optical and quantum telecommunications. He led the effort of developing, commissioning, and using the instrumentation (in close collaboration with ESA) for the demonstration campaigns of optical laser link telecommunications with the Alphasat satellite at GEO orbit at a distance of 37.000 km from Earth [see Xilouris et al. ICSOS 2025 conference, accepted; Xilouris et al., Proceedings Volume 13699, International Conference on Space Optics — ICSO 2024, 136993E (2025); and Sodnik et al. 2022, IEEE (ICSOS), 288-295]. He was the coordinator, on NOA's side, of the ESA's Deep Space Optical Communication (DSOC) experiment conducted in summer 2025 which successfully demonstrated optical links with NASA's "Psyche" space-probe at a distance of 2AU (~300.000.000 km from Earth). In this demonstration both NOA's observing sites (Kryoneri and Helmos observatories) were used to place a powerful (7 kW) beacon laser (Kryoneri observatory) and a super-sensitive SNSPD receiver (Aristarchos telescope – Helmos observatory).



*Helmos and Kryoneri observatories in Peloponnese, Greece, operating under IAASARS/NOA, used as ESA's ground facilities for optical link demonstration experiments with NASA's mission Psyche during summer 2025.*



*The ERMIS-3 Greek cubesat to be linked with Helmos Optical Ground Station using optical laser technology.*

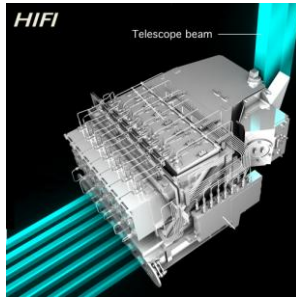


*The HellasQCI project aims to deploy advanced national QCI systems and networks in Greece. Helmos Optical Ground Station participates in this network.*

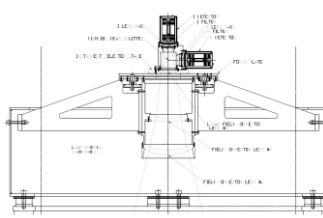
He is responsible for the design and development of all the necessary instrumentation needed to support the ground segment for the optical laser communication with the ERMIS cubesat mission (to be demonstrated in 2026). A receiver/transmission system (Rx/Tx) is currently been developed in order to be used with the Aristarchos 2.3 m telescope and a 28 cm portable telescope and to support the operations of the ERMIS cubesat (a pathfinder demonstration of key space connectivity capabilities mission coordinated by the National Kapodistrian University of Athens). Two of his students (T. Rakintzopoulos, and N. Tamvakou) are working, under his supervision, on the design, development, and testing of the relevant instrumentation. He is the technical manager of the implementation of the Helmos infrastructure to the HellasQCI network while he is the PI (on NOA's side) of the LaiQa project, an activity under HORIZON-CL4-2023-SPACE-01, aiming to develop and advance critical components and technologies necessary to build a global spaced-based quantum network coordinated by the National Technical University of Athens [see Xilouris et al., Proceedings Volume 13699, International Conference on Space Optics — ICSO 2024, 136993E (2025); Ntanos et al. ECOC 2025 conference, accepted]. Related funding programs (see Sect. 7): "South East Europe QCI (SEEQCI)"; "TransEuroOGS"; "Leap in Advancing of crItical Quantum key distribution-spAce components (LaiQa)"; "Deploying advanced national QCI systems and networks in Greece - HellasQCI"; "ERMIS (Hellenic Cubesat Demonstration Mission)"; "Helmos Observatory iniTiateS

oPtical cOmMunicaTion (HOTSPOT)"; "MFFOC - OPTICAL COMMUNICATIONS AND PHOTONICS MAKERSPACE".

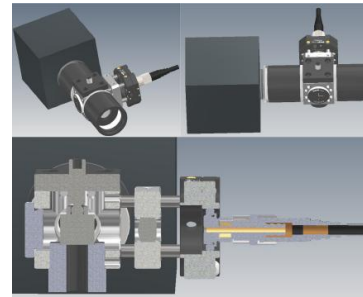
**Instrumentation** - Since his recruitment at the National Observatory of Athens (2003) he has been highly involved in the support and management of the two telescopes at Helmos observatory (the 2.3 m Aristarchos telescope) and at Kryoneri observatory (the 1.2 m telescope). He was in



*HIFI (the Heterodyne Instrument for the Far Infrared) onboard the Herschel Space Observatory (see Roelfsema et al. 2012). E.X. was responsible for the detection and characterization of the standing waves inside the main body of the instrument.*



*The Kryoneri Prime Focus instrument design (TM: DFM Engineering) developed under the ESA-funded NELIOTA project to support observations of NOE impacts onto Lunar's surface (see Xilouris et al. 2018).*



*CAD visualization of the completely assembled Focal Plane Assembly design of the optical laser receiver to be used for the ERMIS cubesat mission (see BSc Thesis of T. Rakitzopoulos, 2025).*

charge of (or has been involved in) several instrumentation developments. The most important ones include his participation in the HIFI instrument calibration (see Roelfsema 2018 in Appendix I) where he was assigned on the detection and characterization of the standing waves inside the main body of the instrument, the design and implementation of the retrofit (undertaken by DFM Engineering) of the 1.2 m Kryoneri telescope under the ESA-funded NELIOTA project (see Xilouris et al. 2018 in Appendix I), and the design and development of all the necessary instrumentation needed to support the ground segment for the optical laser communication with the ERMIS cubesat mission (see BSc Thesis of T. Rakitzopoulos, 2025). Related funding programs (see Sect. 7): "ERMIS (Hellenic Cubesat Demonstration Mission)"; "NEO Lunar Impacts and Optical Transients with the Aristarchos Telescope (NELIOTA)". He is the technical manager for the Adaptive Optics system (funded by ESA) to be installed at Aristarchos telescope (Helmos observatory).

## 5. AWARDS & DISTINCTIONS

- ❑ 2025: Certificate of appreciation awarded by ESA's Director of Operations in recognition of his unique contribution to ESA's first deep-space communication link with the NASA PSYCHE spacecraft.
- ❑ 2012 – 2013: One-year research project award by the John S. Latsis Public Benefit Foundation.
- ❑ 1999: Award for the best PhD thesis of the year 1999 from the Hellenic Astronomical Society.

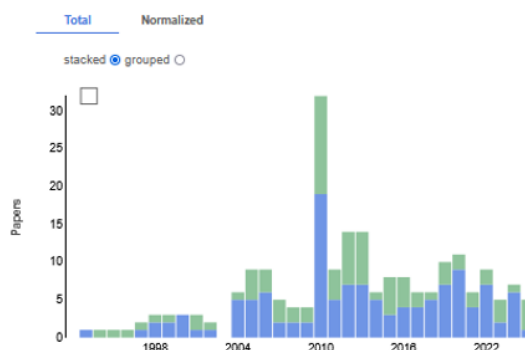
- 1994 – 1999: Scholarship from the Foundation for Research and Technology Hellas (F.O.R.T.H.) for PhD studies.

## 6. PUBLICATIONS

Up to September, 2025 he has a total of **119** publications in refereed journals (all journals with impact factor above 3; see Annex I). In particular, he has 88 published in Astronomy & Astrophysics (impact factor: 5.8), 12 in MNRAS (impact factor: 4.8), 11 in ApJ (impact factor: 5.4), 3 in JATIS (impact factor: 3.1), 1 in RSOS (impact factor: 3.2), 1 in PASP (impact factor: 3.3), 1 in AJ (impact factor: 5.1), 1 in ApJL (impact factor: 11.7), and 1 in A&AS (impact factor: 7.9). He also has 9 more publications in refereed journals of impact factor of less than 3 and 85 articles in non-refereed publications. He has 66 publications in conference proceedings (see Annex II). The total number of citations to his publications according to SAO/NASA Astrophysics Data System (ADS; <http://adsabs.harvard.edu>) is more than **7300** out of which 648 are self-citations while the Hirsch index is **48** (according to the Web of science these numbers are about 6500 citations and a Hirsch index of 45, while according to Google Scholar these numbers are about 9500 citations and a Hirsch index of 55).

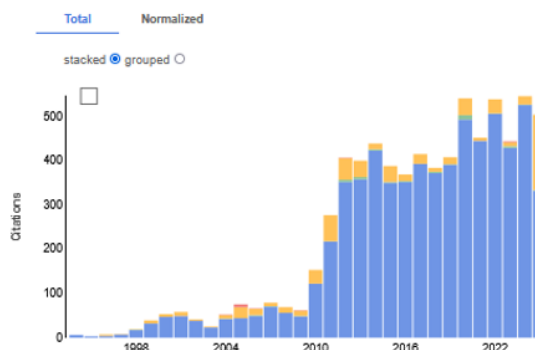
### Papers

|                        | Totals | Refereed |
|------------------------|--------|----------|
| Number of papers       | 213    | 128      |
| Normalized paper count | 33.7   | 15.6     |



### Citations

|                               | Totals | Refereed |
|-------------------------------|--------|----------|
| Number of citing papers       | 4203   | 4184     |
| Total citations               | 7328   | 7270     |
| Number of self-citations      | 648    | 638      |
| Average citations             | 34.4   | 56.8     |
| Median citations              | 11     | 33       |
| Normalized citations          | 729.1  | 713.5    |
| Refereed citations            | 6642   | 6596     |
| Average refereed citations    | 31.2   | 51.5     |
| Median refereed citations     | 8      | 28       |
| Normalized refereed citations | 650.4  | 640.9    |



Annual productivity of papers (top panel) and citation counts to his papers (bottom panel). The first publication in refereed journal is in 1993. He conducted his military service between 1999 and 2001, while he was employed at the National Observatory of Athens in 2003. The peak in 2010 and the sharp rise in citation index comes with his participation in Herschel Space Observatory's related programs and publications.

## 7. PARTICIPATION IN FUNDED RESEARCH PROGRAMS

- ❑ 2025-2028 (50.000€) "South East Europe QCI (SEEQCI)", (CEF-DIG-2022-EUROQCI-WORKS (Coordinator: GRNET), PI: S. Basilakos, **co-PI: E. Xilouris**
- ❑ 2025-2028 (50.000€) "TransEuroOGS", (CEF-DIG-2022-EUROQCI-WORKS (Coordinator: GRNET), PI: S. Basilakos, **co-PI: E. Xilouris**
- ❑ 2025-2026 (8.000€) "DEVISE", "Collaboration with gmv innovating solutions for GEO satellites characterization", **PI: E. Xilouris**
- ❑ 2024-2026 (150.000€) "Leap in Advancing of crItical Quantum key distribution-spAce components (LaiQa)", HORIZON-CL4-2023-SPACE-01 (Coordinator: NTUA), **PI: E. Xilouris**
- ❑ 2024-2026 (265.000€) "HE\_EUSST\_SD\_TOP5, SST Networking, Security & Data sharing", HORIZON-CL4-2023-SSA-SST-ART195, **PI: E. Xilouris**
- ❑ 2024-2028 (~80,000€) "Sybilla-CONST" Collaboration with Sybilla Technologies for using the Kryoneri Astronomical Station, PI: S. Basilakos, **co-PI: E. Xilouris**
- ❑ 2023-2026 (100,000€) "Deploying advanced national QCI systems and networks in Greece - HellasQCI", Digital Europe Programme (DIGITAL; Coordinator: GRNET), PI: S. Basilakos, **co-PI: E. Xilouris**
- ❑ 2023-2026 (~1,350,000€) "GreekObs2OGS – Helmos Optical Ground Station upgrade" ESA funded (Coordinator: Raymetrics S.A.), PI: S. Basilakos, **co-PI: E. Xilouris**
- ❑ 2023-2026 (1.515.478,70€) "CENTER FOR SECURITY, SAFETY & HAZARD'S RISK RESILIENCE IN GREECE AND THE SOUTHEAST MEDITERRANEAN" a subcontract for the installation of a 80cm robotic telescope at Kryoneri observatory dedicated to EUSST activities in the context of NOA-AEGIS program (total founding is ~65,000,000€ from the National Recovery and Resilience Plan), PI: S. Basilakos, **co-PI: E. Xilouris**
- ❑ 2023-2027 (350.000€) "EUSST/GR Kryoneri" DG DEFIS - EUSST2023-26GA, PI: S. Basilakos, **co-PI: E. Xilouris**
- ❑ 2023-2026 (45.000€) "ERMIS (Hellenic Cubesat Demonstration Mission)" In the framework of the "Greek National Small Satellite Program" financed by the National Recovery and Resilience Plan (Coordinator: NKUA), PI: S. Basilakos, **co-PI: E. Xilouris**
- ❑ 2022-2026 (~50.000€) "Collaboration with Polish Space Agency for using the Kryoneri Astronomical Station", PI: S. Basilakos, **co-PI: E. Xilouris**
- ❑ 2022-2026 (~50.000€) "Collaboration with Cilium Engineering for using the Kryoneri Astronomical Station", PI: S. Basilakos, **co-PI: E. Xilouris**
- ❑ 2022-2024 (180.000€) "Helmos Observatory iniTiateS oPtical cOmmunicaTion (HOTSPOT)" ESA, PI: S. Basilakos, **co-PI: E. Xilouris**
- ❑ 2021-2025: (50.000€) "MFFOC - OPTICAL COMMUNICATIONS AND PHOTONICS MAKERSPACE" ESA, (Coordinator: LIBRE SPACE FOUNDATION), PI: S. Basilakos, **co-PI: E. Xilouris**
- ❑ 2020-2021 (41.000 €) "Anatomy of galaxies: their stellar and dust content throughout cosmic time" National funding (ESPA 2014-2020) **PI: E. Xilouris**
- ❑ 2014-2018 (266.070 €) "A Definitive Study of Dust in the Local Universe (DustPedia)" FP7 funded (SPACE-2013-1) among Cardiff University (Coordinator), CEA, IAS, Ghent University and Arcetri, **PI: E. Xilouris**
- ❑ 2015-2018 (700.000 €) "NEO Lunar Impacts and Optical TrAnsients (NELIOTA)" ESA funded, PI: A. Bonanos, **co-PI: E. Xilouris**

- ❑ 2012 - 2015 (210.000 €): "A step in the Dark: The Dense Molecular Gas in Galaxies", Funded under the "ARISTEIA" program (General Secretariat for Research and Technology), **PI: E. Xilouris**
- ❑ 2012 (12.000 €): one-year research project award by the John S. Latsis Public Benefit Foundation, **PI: E. Xilouris**
- ❑ 2007 (15.000 €): "Tracing dust in spiral galaxies: radiative transfer studies in the dawn of a new generation of observing facilities", Funded by the European Science Foundation (ESF) for organizing a workshop Ghent, Belgium (May 14-16, 2007), **co-PI: E. Xilouris**
- ❑ 2003-2006 (300.000 €): "European Network for the Investigation of Galactic nuclei through Multifrequency Analysis (ENIGMA)", TMR network funded by EC (FP6) Greek P.I. K. Tsinganos, **co-I: E. Xilouris**.
- ❑ 2005-2006 (50.000 €): "Morphology and Dynamics of Spiral Galaxies", Program Pythagoras II – Greek Ministry of Education, P.I. N. Kylafis, **co-I: E. Xilouris**
- ❑ 2005-2006 (10.000 €): "La modelisation des galaxies de type precoces: un vestige de leur origine et un indice de leur evolution", Programmes Nationaux-PNG, P.I. S. Madden, CEA/Saclay, **co-I: E. Xilouris**
- ❑ 2003-2005 (10.000 €): "Active and non-Active Galactic Nuclei: Observations and modeling", Greek-French bilateral program funded by the General Secretariat for research and Technology, P.I. I. Papadakis, University of Crete, **co-I: E. Xilouris**
- ❑ 1996-1997 (10.000 €): "Energy budget in spiral galaxies", Greek-British bilateral program funded by the British Council P.I. N. Kylafis, University of Crete, **co-I: E. Xilouris**
- ❑ 1995-1997 (100.000 €): "Are galaxies optically thin or thick?", PENED program funded by the General Secretariat for research and Technology P.I. N. Kylafis, University of Crete, **co-I: E. Xilouris**.

## 8. POSTDOCTORAL/STUDENT SUPERVISION

### Postdoctoral Supervision

- ❑ K. Tsimvraakis, NOA (2025-present)
- ❑ V. Masoura, NOA (2020-2021)
- ❑ L. Cassara, NOA (2015-2018)
- ❑ M. Vika, NOA (2014-2019)
- ❑ M. Rovilos, NOA (2014)
- ❑ I. Leonidaki, NOA (2012-2016)

### PhD Thesis Supervision

- ❑ S. Katsioli, University of Athens (2025) - [Main supervisor](#)
- ❑ C.J. Inman, University of Central Lancashire (2025) – [External Examiner](#)
- ❑ Hye-Jin Park, The Australian National University (2025) – [External Assessor](#)
- ❑ C. Daoutis, University of Crete (2025) - [Member of the evaluation committee](#)
- ❑ E. Paspaliaris, University of Thessaloniki (2023) - [Main supervisor](#)
- ❑ M. Papachristou, University of Athens (2023) - [Member of the evaluation committee](#)
- ❑ K. Kouroumpatzakis, University of Crete (2020) - [Member of the evaluation committee](#)
- ❑ V. Masoura, University of Thessaloniki (2020) - [Member of the evaluation committee](#)
- ❑ A. Nersesian, University of Athens (2019) - [Main supervisor](#)

- ❑ A. Psychogyios, University of Crete (2018) - [Member of the evaluation committee](#)
- ❑ A. Maragkoudakis, University of Crete (2017) - [Member of the evaluation committee](#)
- ❑ W. Saftly, Universiteit Gent (2015) - [Member of the evaluation committee](#)
- ❑ I. Leonidaki, University of Patras (2012) - [Member of the evaluation committee](#)
- ❑ J. Alikakos, University of Patras (2011) - [Member of the Advisory Committee](#)

#### MSc Thesis Supervision

- ❑ V. Katsis, University of Athens (2025)

#### Senior Thesis Supervision

- ❑ Mr T. Rakintzopoulos, University of Athens (2005)
- ❑ Ms N. Tamvakou, University of Athens (2005)
- ❑ Ms E. Rodiou, University of Thessaloniki (2024)
- ❑ Mr. O. Karounos, University of Athens (2023)
- ❑ Mr. A. Filis, University of Patras (2023)
- ❑ Ms I. Georgiadi, University of Athens (2019)
- ❑ Ms K. Dasyra (co-supervised with Prof. N. Kylafis), University of Crete (2003)
- ❑ Senior Thesis Supervision of Ms F. Siligardou (co-supervised with Prof. N. Kylafis), University of Crete (1998)
- ❑ Senior Thesis Supervision of Ms P. Apostolaki (co-supervised with Prof. N. Kylafis), University of Crete (1997)

## 9. REVIEWING ACTIVITIES

He has been frequently acting as a referee in the following science journals and organizations: Astronomy & Astrophysics (A&A), Astrophysical Journal (ApJ), Astronomical Journal (AJ), the Monthly Notices of the Royal Astronomical Society (MNRAS), Baltic Astronomy as well as for the European Research Council (ERC), the European Science Foundation (ESF), the Netherlands Organization for Scientific Research (NOW), the Polish National Science Center (NSC), the Belgian Physical Society, the Hellenic Open University (HOU), the General Secretariat of Research and Technology (GSRT), the Hellenic Foundation for Research & Innovation (HFRI), the State Scholarship Foundation (IKY).

## 10. CONFERENCES ATTENDED

- ❑ Greek Space Tech Forum 2025, 1-2 July 2025, Athens, Greece
- ❑ ICSO 2024, International Conference on Space Optics, 21-25 October 2024, Antibes Juan-les-Pins, France
- ❑ 7th Annual ScyLight Conference & 2nd Quantum Workshop, 12 – 14 June 2024, Eindhoven, The Netherlands
- ❑ 6th Annual ScyLight Conference, Athens, Greece 15 - 16 May 2023, Workshop - Quantum Internet & Kalavryta, Greece 17 May 2023
- ❑ IrelandQCI kick-of workshop, 24-25 April 2023, Woterdord, Ireland
- ❑ 5th Annual ScyLight Workshop on Optical and Quantum Communication Germany, Bonn, 7 -8 June 2022

- ❑ EWASS 2016, Athens, Greece, July 2016
- ❑ 12th Hel.A.S. conference, Thessaloniki, Greece, June 2015
- ❑ The Universe explored by Herschel, Noordwijk, The Netherlands, October 2013
- ❑ The Passage of Light within Spiral Galaxies, Leiden, The Netherlands, May, 2014
- ❑ 11th Hel.A.S. conference, Athens, Greece, September 2011
- ❑ 9th Hel.A.S. conference, Athens, Greece, September 2009
- ❑ Cosmic Dust and Radiative Transfer (RT08), Heidelberg, Germany, September 2008
- ❑ Tracing Dust in Spiral Galaxies, Ghent, Belgium, May 2007
- ❑ Formation and Evolution of Galaxy Disks, Rome, Italy, October 2007
- ❑ Studying Galaxy Evolution with Spitzer and Herschel (GALEV2006), Ag. Nikolaos, Crete, May 2006
- ❑ The Spectral Energy Distribution of Gas-Rich Galaxies (SED2004), Heidelberg, Germany, October 2004
- ❑ 1st ENIGMA meeting, Mayschoss, Germany, May 2003
- ❑ 11th Meeting of the European Astronomical Society (JENAM2002), Porto, Portugal, September 2002
- ❑ 6th Hel.A.S. conference, Athens, Greece, September 2003
- ❑ Semaine de l' Astrophysique Francaise, Paris, France, June 2002
- ❑ 6th Meeting of the European Astronomical Society (JENAM1997) and 3rd Hel.A.S conference, Thessaloniki, Greece, July 1997
- ❑ 1st Hel.A.S. conference, Athens, Greece, September 1993

## 11. CONFERENCE/WORKSHOP/SCHOOL ORGANIZATION

- ❑ 2024, October 13-25: "NEON Observing School in Athens", Workshop funded by the ORP H2020 project, National Observatory of Athens (main organizer)
- ❑ 2015, June 28-July 2: "The 12th Hellenic Astronomical Conference", Thessaloniki, (member of the SOC)
- ❑ 2018, May 14-15: "DustPedia workshop", National Observatory of Athens (organizer)
- ❑ 2014, April 7-8: "HeViCS workshop", National Observatory of Athens (organizer)
- ❑ 2010, April 28-29: "The First HERM33ES workshop", National Observatory of Athens (organizer)
- ❑ 2008, March 28: "One day workshop on Infrared Astronomy", National Observatory of Athens
- ❑ 2007, May 14-16: "Tracing dust in spiral galaxies: radiative transfer studies in the dawn of a new generation of observing facilities", Workshop funded by the European Science Foundation (ESF), Ghent University, Belgium
- ❑ 2003, September 15-17: "The 6th Hellenic Astronomical Conference", National Observatory of Athens (member of the LOC)

## 12. INVITED SEMINARS AND TALKS

- ❑ IrelandQCI kick-of workshop, 24-25 April 2023, Woterford, Ireland
- ❑ ESAC Techtalk, Madrid, Spain, 2017
- ❑ University of Athens, Physics Department, November 2017

- ❑ Research Center for Astronomy and Applied Mathematics of the Academy of Athens, 2008, 2009, 2010
- ❑ Max Planck Institut fur Astronomie, Heidelberg, September 2008
- ❑ University of Athens, Physics Department, April 2005
- ❑ Joint Astronomy Center, Hawaii, April 2004
- ❑ Cardiff University, Astronomy Dept., Cardiff, U.K., December 2002
- ❑ CEA/Saclay, Service d' Astrophysique, France, August 2001
- ❑ Astronomisches Rechen-Institut, Heidelberg, Germany, Rendgen - Germany, November 1998
- ❑ Cardiff University, Astronomy Dept., Cardiff, U.K., November 1996

### 13. SPECIALIZED EDUCATION / SCHOOLS

- ❑ May 2025: SPRITE workshop - a NASA Mid-size Explorer concept, GTech, Atlanta, USA
- ❑ July 2022: Global Sentinel annual capstone event, VANDENBERG SPACE FORCE BASE, California, USA
- ❑ September 2006: Space Research Organization Netherlands (SRON), Groningen, Holland. Herschel/HIFI calibration group meeting.
- ❑ June 2006: Commissariat a l'Energie Atomique (CEA), Saclay, France. Collaboration to work on analysis of data of elliptical galaxies from Spitzer and GALEX.
- ❑ June 2006: Space Research Organization Netherlands (SRON), Groningen, Holland. Training on the software dedicated for the Herschel/HIFI calibration.
- ❑ April 2006: Lorentz Center, Leiden, Ολλανδία. First participation in the Herschel/HIFI calibration group meeting.
- ❑ December 2003, July 2004: Carl Zeiss, Jena, Germany, NOA's representative for technical inspections and negotiations in the framework of the construction of "Aristarchos" telescope.
- ❑ 4 - 28 August 1998: NATO/ASI - "Infrared Space Astronomy, Today and Tomorrow", Les Houches, France.
- ❑ 22 June - 3 July 1998: European Commission Summer School on "Dynamical MHD Phenomena in Solar Astrophysical Plasmas", Heraklion, Crete, Greece.
- ❑ 24 May - 5 June 1998: NATO/ASI - "The Physics of Star Formation and Early Stellar Evolution", Heraklion, Crete, Greece.
- ❑ Νοέμβριος 1996, Ιούνιος 1997: Cardiff University - Department of Physics and Astronomy, Cardiff, U.K., Visitor under a Greek-British bilateral collaboration funded by the British Council.
- ❑ 4 - 14 October 1994: Seventh EADN School on "Plasma Astrophysics", San Miniato, Italy.

### 14. SELECTED ALLOCATIONS OF TELESCOPE TIME

- ❑ Galliano et al., "submillimeter Excess In Nearby Fairly-Extended Low-metallicity Dwarfs (SEINFELD)", IRAM 30m telescope, 2024.
- ❑ Clark et al., "One-Stop Shopping: Pan-Metallicity PAH Benchmarking in M101", JWST Proposal. Cycle 2, ID. #3429, 2023.
- ❑ De Looze, et al., "Structure formation and baryonic cycling in the edge-on galaxy NGC891", JWST Proposal. Cycle 1, ID. #2180, 2021.
- ❑ Bianchi et al., "Searching for Anomalous Microwave Emission in nearby galaxies", Yebes 40m radio telescope, 2021.

- ❑ Bianchi et al., "Searching for anomalous microwave emission in nearby galaxies", Sardinia Radio Telescope (SRT) is 64-metre, 2020.
- ❑ Madden et al., "Interpreting the Millimeter Emission of Galaxies – IMEGIN", IRAM-30m, 2019.
- ❑ P. Papadopoulos, et al., "The ISM in radio galaxies", Herschel open time program, 2010.
- ❑ B. Holwerda, et al., "New Herschel Multi-wavelength Extragalactic Survey of Edge-on Spirals (NHEMES)", Herschel Open time program, 2010.
- ❑ M. Baes, et al., "Herschel Observations of Edge-on Spirals (HEROES)", Herschel open time program, 2010.
- ❑ L. Cortese, et al., "HRS-PACS observations", Herschel open time key program, 2010.
- ❑ C. Kramer, et al., "Herschel M33 Extended Survey (HERM33ES)", Herschel Open time key program, 2009.
- ❑ J. Davies, et al., "Herschel Virgo Cluster Survey (HeViCS)", Herschel open time key program, 2009.
- ❑ P. van der Werf et al., "A Herschel survey for molecular lines in (U)LIRGs: physical conditions, the nature of the power source and a benchmark for high-z observations (HerCULES)", Herschel open time key program, 2009.
- ❑ H. Gomez, J. Davies, S. Eales, M. Edmunds, S. Madden, A. Jones, E.M. Xilouris, M. Stickel, M. Baes, "Understanding the dust properties of Elliptical Galaxies", AKARI satellite, March 2006.
- ❑ E.M. Xilouris, P.B. Alton, K. Dasyra, N. Kylafis, A. Misiriotis, S. Madden, "The emissivity of interstellar dust in the submillimeter waveband", Hawaii (JCMT/SCUBA), April 2004 (funded by RADIONET).
- ❑ E.M. Xilouris, P.B. Alton, J. Lequeux, "The gas-to-dust ratio of the intergalactic gas in the M81 group", March 2004 (first ever telescope time allocated and funded by OPTICON).

## 15. MEMBER OF PROFESSIONAL SOCIETIES

- ❑ Member of the European Astronomical Society
- ❑ Member of the Hellenic Astronomical Society (elected member of the Governing Board 2014-2018).

## 16. SCIENCE COMMUNICATION

Throughout his academic career he has contributed to science communication through various presentations in many public outreach events. He has given more than 20 interviews in newspapers/magazines and 8 interviews in radio/TV, in Greek media. He is currently in charge of the two public outreach centers of the National Observatory of Athens (the Thissio public outreach center <https://www.noa.gr/en/public-outreach/visitor-centers/thisseio/> and the Penteli public outreach center <https://www.noa.gr/en/public-outreach/visitor-centers/visitor-center-penteli/>).

## ANNEX I. PUBLICATIONS IN REFEREED JOURNALS<sup>1</sup>

119) Galliano, Frédéric; Baes, Maarten ; Belloir, Léo ; Bianchi, Simone ; Bot, Caroline ; Calura, Francesco ; Casasola, Viviana ; Chastenet, Jérémy ; Clark, Christopher ; Correia, Lucie ; de Looze, Ilse ; Juvela, Mika ; Kaneda, Hidehiro ; Katsioli, Stavroula ; Kemper, Francisca ; Lebouteiller, Vianney ; Madden, Suzanne ; Matsuura, Mikako ; Onaka, Takashi ; Pantoni, Lara ; Pozzi, Francesca ; Relaño Pastor, Monica ; Sauvage, Marc ; Smith, Matthew ; Tailor, Vidhi ; Takeuchi, Tsutomu ; **Xilouris, Emmanuel** ; Ysard, Nathalie, "The PRIMA promise of deciphering interstellar dust evolution with observations of the nearby Universe", 2025, JATIS VOL. 11, NO. 3, July 2025doi: 10.1117/1.JATIS.11.3.031612

118) Chastenet, Jérémy ; De Looze, Ilse ; Baes, Maarten ; Bianchi, Simone ; Casasola, Viviana ; Ciesla, Laure ; Eales, Stephen ; Fritz, Jacopo ; Galliano, Frédéric ; Madden, Suzanne C. ; Nersesian, Angelos ; Relaño, Monica ; Smith, Matthew W. L. ; van der Giessen, Stefan ; **Xilouris, Emmanuel**, "The radial variation of the silicate-to-carbon ratio in M31 probed by PRIMA", 2025, JATIS VOL. 11, NO. 3, July 2025 doi: 10.1117/1.JATIS.11.3.031623

117) Fritz, Jacopo ; Baes, Maarten ; Vasquez Torres, Diego Alejandro ; Cutiva Alvarez, Karla Alejandra; Nersesian, Angelos; Casasola, Viviana ; Jiménez-Andrade, Eric F. ; Bianchi, Simone ; Cortese, Luca; De Looze, Ilse; Galliano, Frédéric ; Madden, Suzanne; Smith, Matthew W. L. ; **Xilouris, E. M.**, "PRIMA survey of the Virgo cluster", 2025, JATIS VOL. 11, NO. 3, July 2025 10.48550/arXiv.2509.04678

116) Ejlali, G.; Tabatabaei, F. S.; Roussel, H.; Adam, R.; Ade, P.; Ajeddig, H.; André, P.; Artis, E.; Aussel, H.; Baes, M.; Beelen, A.; Benoît, A.; Berta, S.; Bing, L.; Bourrion, O.; Calvo, M.; Catalano, A.; De Looze, I.; De Petris, M.; Désert, F. -X.; Doyle, S.; Driessen, E. F. C.; Galliano, F.; Gomez, A.; Goupy, J.; Jones, A. P.; Hanser, C.; Hughes, A.; Katsioli, S.; Kéruszoré, F.; Kramer, C.; Ladjelate, B.; Lagache, G.; Leclercq, S.; Lestrade, J. -F.; Macías-Pérez, J. F.; Madden, S. C.; Maury, A.; Mauskopf, P.; Mayet, F.; Monfardini, A.; Moyer-Anin, A.; Muñoz-Echeverría, M.; Nersesian, A.; Pantoni, L.; Paradis, D.; Perotto, L.; Pisano, G.; Ponthieu, N.; Revéret, V.; Rigby, A. J.; Ritacco, A.; Romero, C.; Ruppén, F.; Schuster, K.; Sievers, A.; Smith, M. W. L.; Tedros, J.; Tucker, C.; **Xilouris, E. M.**; Ysard, N.; Zylka, R., "Interpreting Millimeter Emission from IMEGIN galaxies NGC 2146 and NGC 2976", 2025, A&A, 693, 88

115) Chastenet, Jérémy ; De Looze, Ilse ; Relaño, Monica ; Dale, Daniel A. ; Williams, Thomas G.; Bianchi, Simone; **Xilouris, Emmanuel M.**; Baes, Maarten; Bolatto, Alberto D.; Boyer, Martha L.; Casasola, Viviana; Clark, Christopher J. R. ; Fraternali, Filippo ; Fritz, Jacopo ; Galliano, Frédéric; Glover, Simon C. O. ; Gordon, Karl D.; Hirashita, Hiroyuki ; Kennicutt, Robert ; Nagamine, Kentaro ; Kirchschrager, Florian ; Klessen, Ralf S. ; Koch, Eric W.; Levy, Rebecca C. ; McCallum, Lewis ; Madden, Suzanne C. ; McLeod, Anna F. ; Meidt, Sharon E. ; Mosenkov, Aleksandr V. ; Richie, Helena M. ; Saintonge, Amélie ; Sandstrom, Karin M. ; Schneider, Evan E. ; Sivkova, Evgenia E. ; Smith, J. D. T. ; Smith, Matthew W. L. ; van der Wel, Arjen ;

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<sup>1</sup> Only Journals with impact factor above 3 are given.

Walch, Stefanie ; Walter, Fabian ; Wood, Kenneth , "JWST MIRI and NIRCам observations of NGC 891 and its circumgalactic medium", 2024, A&A, 687, 14

114) Liakos, A.; Bonanos, A. Z.; **Xilouris, E. M.**; Koschny, D.; Bellas-Velidis, I.; Boumis, P.; Maroussis, A.; Moissl, R., "NELIOTA: New results and updated statistics after 6.5 years of lunar impact flashes monitoring", 2024, A&A, 690, 348

113) Katsioli S., **Xilouris E. M.**, Kramer C., et al., "The stratification of ISM properties in the edge-on galaxy NGC 891 revealed by NIKA2", 2023, A&A, 679, 7

112) Paspaliaris E. -D., **Xilouris E. M.**, Nersesian A., Bianchi S., Georgantopoulos I., Masoura V. A., Magdis G. E., Plionis M., "Star-forming early-type galaxies and quiescent late-type galaxies in the local Universe", 2023, A&A, 669, 11

111) Mosenkov Aleksandr V., Usachev Pavel A., Shakespear Zacory, Guerrette Jacob, Baes Maarten, Bianchi Simone, **Xilouris Emmanuel M.**, Gontcharov George A., Il'in Vladimir B., Marchuk Alexander A., Savchenko Sergey S., Smirnov Anton A., "The distribution of dust in edge-on galaxies: I. The global structure", 2022, MNRAS, 515, 5698

110) Mountrichas G., Masoura V.A., **Xilouris E.M.**, Georgantopoulos I., Buat V., Paspaliaris E.-D., "Star formation of X-ray AGN in COSMOS: The role of AGN activity and galaxy stellar mass", 2022, A&A, 661, 108

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