

GEORGIOS E. MAGDIS

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RESEARCH PROFILE

I am an associate professor of extragalactic astrophysics and co-founder and deputy director of the DNRF Cosmic DAWN Center of Excellence at DTU-Space/DTU and NBI/KU. Additionally, I am leading a research group, funded by my Villum Young Investigator and Villum Young Investigator PLUS grants. The primary goals of my academic activities are to shed light on our cosmic origins by exploring the formation and evolution of the building blocks of our Universe and to educate, promote, and inspire the next generation of scientists.

EDUCATION

University of Oxford, UK <i>DPhil in Astrophysics</i>	11/2010
University of Crete, GR <i>MSc in Astrophysics</i>	09/2005
University of Crete, GR <i>BSc in Physics</i>	09/2003

ACADEMIC POSITIONS

Technical University of Denmark, DTU-Space/Cosmic Dawn Center <i>Associate Professor</i>	2019 - present
University of Copenhagen, Niels Bohr Institute/Cosmic Dawn Center <i>Affiliate Professor</i>	2019 - present
University of Copenhagen, Niels Bohr Institute/DARK Cosmology Center <i>Assistant Professor - Carlsberg/DARK Fellow</i>	2015 - 2019
University of Oxford, UK <i>Research Fellow</i>	April 2011 - November 2015
Service d'Astrophysique, CEA, Saclay, FR <i>Post-doctoral Researcher</i>	2008 - 2011

GRANTS/FUNDING

Young Investigator Program Plus, Villum Foundation, €700K (PI) <i>The Hidden Cosmos; Tracing star formation and heavy element production in the early Universe</i>	2021 - 2024
Centers of Excellence, DNRF €8.7million (co-founder/deputy director) <i>Cosmic Dawn Center of Excellence</i>	2018 - 2024
Marie Curie Post Doctoral Fellowship, EU, €250K (Project supervisor) <i>FIRSTDUST</i>	2022 - 2024
Young Investigator Program, Villum Foundation, €700K (PI) <i>Gas to stars - Stars to Dust; Exploring the star formation activity through cosmic time</i>	2016 - 2021
National Science Foundation, GROW program (US) €150K (co-PI)	2019 - 2020
DARK/Carlsberg Independent Research Fellowship €350K (PI)	2015 - 2018
THALES Programme, €521K (co-I) <i>The invisible side of formation and evolution of supermassive Black Holes in the Universe</i>	2012 - 2015
Astrophysical Data Analysis Program, NASA, \$116K (co-I) <i>Extreme silicate absorbers in WISE</i>	2012

MANAGEMENT

Cosmic DAWN Center	2018 - present
<i>Co-founder / Deputy Director / Chair of the Cosmic DAWN Fellowship Program</i>	
Villum Young Investigator Program (YIP) and YIP+	2016 – present
<i>Group leader (~ 3-5 members on average)</i>	
Technical University of Denmark	2018 – present
<i>MSc course co-ordinator</i>	
<i>Scientific strategy committee for DTU-Space A&A</i>	
SPICA space telescope	2019 – 2021
<i>Science co-ordinator of “The co-evolution of black holes and star formation” working group</i>	
Telescope observing campaigns PI of >20 international projects	2015 – present

PUBLICATIONS

180 peer reviewed publications, 14 as a first author, 46 as PI/co-PI
Citations: > 18000 (13500), h-index: 69 (63) - Google Scholar (NASA/ADS).

TELESCOPE TIME - PI & CO-I

JWST (~ 130hrs), ALMA(> 600hrs), VLT/Keck/Subaru(~ 60 nights), NOEMA/VLA(> 800hrs), Herschel(GTO)

SUPERVISION

MSc/BSc Thesis (14), PhD Thesis (8), Post-Docs (9)

MAIN INTERNATIONAL COLLABORATIONS AND PROJECTS

Major International Collaborations University of Oxford (UK)*Caltech, Harvard University, University of Texas, NOAO (USA)*CEA/Saclay (FR)*MPE, ESO (Germany)
Major International Projects/Teams ALCS*REQUIEM*BUFFALO*PEP*GOODS* HerMES*CLS
*KROSS*COSMOS*Candels-H*Cosmic Dawn Survey*SPICA*Euclid

INTERNATIONAL RECOGNITION AND AWARDS - SELECTED

Science and Technology Facilities Council (STFC) Grant Reviewer	2020
SPICA Space Telescope Mission Co-ordinator of the high redshift science case	2019
Enhanced Eurotalents, Grant Reviewer	2017
NASA Astrophysical Data Analysis Program, Selection Committee	2017
ESO, Time Allocation Committee	2017-2018
ERC Starting Grant, Proposal Referee	2016
Royal Astronomical Society Group Achievement Award	2014
SOC of >10 International Conferences	2010 - present
42 Invited/Contributed Talks / 17 Colloquia	2010 - present

PRESS RELEASES (PR) AND OUTREACH - MOST RECENT

Astronomy on TAP/Copenhagen	2021-present
Nature A Supermassive Black Hole Precursor Lurking in Archival Hubble Data	2022
Nature The mystery of early massive galaxies running on empty	2021
Nature Giant galaxy is almost as old as the Universe itself	2020
ApJ A Distant dusty galaxy hidden in plain sight	2019
Nature Unexpectedly large gas in $z > 1.4$ passive galaxies	2018