GEORGIOS E. MAGDIS

Associate Professor / Villum Young Investigator - Cosmic DAWN Center
Danish Space Institute / Danish Technical University (DTU-Space)
Niels Bohr Institute / University of Copenhagen (NBI/KU)

DOB: *June 24 1980* **Nationality** *Greek*
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EDUCATION

University of Oxford, UK *2008*
DPhil in Astrophysics
University of Crete, GR *September 2005*
MSc in Astrophysics
University of Crete, GR *September 2003*
BSc in Physics

ACADEMIC POSITIONS

Cosmic Dawn Center, DTU-Space and NBI/KU, DK *2018 – present (tenured 2019)*
Associate Professor - Co-founder
Dark Cosmology Center, NBI/KU, DK *November 2015 – April 2018*
Assistant Professor - Carlsberg Fellow
University of Oxford, UK *April 2011 – November 2015*
Research Fellow
Service d'Astrophysique, CEA, Saclay, FR *November 2008 – April 2011*
Post-doctoral Researcher

GRANTS/FUNDING

Young Investigator Program Plus, The Velux Foundations, €700K (PI) *2021 – 2024*
The "Hidden" Cosmos
Centers of Excellence, DNRF €8.7million (co-founder/core member) *2018 – 2024*
Cosmic Dawn Center of Excellence
Young Investigator Program, The Velux Foundations, €700K (PI) *2016 – 2021*
Gas to stars - Stars to Dust; Exploring the star formation activity through cosmic time
National Science Foundation, GROW program (USA) €70K (co-PI) *2019 – 2020*
DARK/Carlsberg Independent Research Fellowship €350K (PI) *2015 – 2018*
THALES Programme, €521K (co-I) *2012 – 2015*
The invisible side of formation and evolution of supermassive Black Holes in the Universe
Astrophysical Data Analysis Program, NASA, $116K (co-I) *2012*
Extreme silicate absorbers in WISE

MANAGEMENT

Cosmic DAWN Center *2018 - present*
Co-founder, Board Member and group leader of the "High-z ISM" group
Chair of the Cosmic DAWN Fellowship Program
Villum Young Investigator Plus *Group leader* *2021 - 2024*
Villum Young Investigator *Group leader* *2016 - 2021*
SPICA space telescope *2019 – 2021*
Science co-ordinator of "The co-evolution of black holes and star formation" working group (∼100 international members)

Telescope observing campaigns *2010 – present*
PI of >30 international projects

SCIENTIFIC FOCUS

Observational cosmology and galaxy evolution: I focus on the study of galaxies across cosmic time aiming to shed light on their formation, their growth, and the evolution of their properties. I specialise on deep multi-wavelength cosmological surveys with an emphasis on infrared/radio observations.

PUBLICATIONS

153 peer reviewed publications in high profile journals (3 in Nature), 14 as a first author. **Citations:** $\sim$ **15000** (12000), **h-index: 62** (55) - **Google Scholar** (NASA/ADS).

TELESCOPE TIME ALLOCATION

In total for my research I have been awarded >1500hours (as PI or co-I) of observing time in the most competitive telescope facilities (including ALMA, NOEMA, Herschel, Spitzer, HST, VLT and Keck).

MAIN INTERNATIONAL COLLABORATIONS AND PROJECTS

Major International Collaborations
Oxford (UK), Caltech (USA), Harvard (USA), CEA/Saclay (France), Max Plank Institute for Extra-terrestrial Physics (Germany), ESO (Germany)
Major International Projects/Teams
ALCS, REQUIEM, BUFFALO, PEP, GOODS, GOODS-Herschel, GOODS-ALMA, HerMES, CLS, KROSS, COSMOS, Candels-Herschel, Cosmic Dawn Survey, SPICA, Euclid

INTERNATIONAL RECOGNITION AND AWARDS - SELECTED

Science and Technology Facilities Council (STFC) *Grant Reviewer* *2020*
SPICA Space Telescope Mission *Nominated 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*
32 Invited/Contributed Talks / 7 Colloquia *2010 – present*

SUPERVISION (SINCE 2015)

MSc Students (7): S. Ponchida, A. Anastasiou, E. Paspaliaris, C. Sand Norholm, I. Cortzen, M. Papathanasiou, D. Blanquez
PhD Students (7):V. Kokorev, I. Cortzen, S. Manning (co), J. Garret (co), L. Hogan, (co), C. Gomez Guijarro (co), S. Jin (co)
Post-Docs (3): F. Valentino, L. Ciesla (co), N. Lee (co)

PRESS RELEASES (PR) AND OUTREACH - SELECTED

PR by NBI *Giant galaxy is almost as old as the Universe itself* *2020*
PR by NBI/DTU *A Distant dusty galaxy hidden in plain sight* *2019*
PR on Nature Astronomy *Unexpectedly large gas in z >1.4 passive galaxies* *2018*
PR on Nature *A massive, dead disk galaxy in the early Universe* *2018*
Maxwell Lecture Series*The History of the Universe; A story narrated by photons* *2017*
Work experience placement in astrophysics at the University of Oxford *2012 – 2015*
BBC live *Oxford Stargazing* *2014*

Oxford University Science Blog *Galactic star baby boom ended five billion years ago* *2014*
PR by the Royal Astronomical Society *Fireworks versus beacons of star formation* *2012*
Astronomy & Astrophysics Highlights *Revealing a new population of star forming galaxies* *2011*
PR by the European Space Agency *Herschel paints a new story of galaxy evolution* *2011*