

# Dr Eleni Vardoulaki

## Curriculum Vitae

### WORK EXPERIENCE

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1 MAY 2020 – 30 JUN 2024  
Thüringer Landessternwarte Tautenburg, DE  
*Postdoctoral researcher*

15 JAN 2019 – 31 AUG 2020  
Max-Planck-Institut für Radioastronomie, Bonn, DE  
*Postdoctoral Researcher*

1 OCT 2015 – 31 DEC 2018  
Argelander-Institut für Astronomie, Bonn, DE  
*Postdoctoral Researcher*

1 FEB 2012 – 30 JUN 2015  
University of Crete, Heraklion, GR  
*Postdoctoral Fellow*

MAY 2015 & MAR – APR 2013  
California Institute of Technology (Caltech), USA  
*visiting Postdoctoral Researcher*

1 SEP 2010 – 31 DEC 2011  
Centro de Astrofísica da Universidade do Porto, PT  
*Postdoctoral Researcher*

### EDUCATION

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2003 – 2009 **Doctor of Philosophy**  
ASTROPHYSICS  
*University of Oxford, UK*

1998 – 2002 **Ptychion (4 year degree)**  
PHYSICS  
*University of Ioannina, GR*



### AWARDS & GRANTS

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2012 **Postdoctoral fellowship**  
*ESF (EU) & GSRT (Greece)  
with 3rd party funding of  
135,290 Euro*

2004-2006 **Travel grants**  
*University of Oxford*

2001 & 1999 **University Excellence Award**  
*Greek scholarship foundation IKY*

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 elenivard@gmail.com  
 [www.linkedin.com/in/eleni-vardoulaki/](http://www.linkedin.com/in/eleni-vardoulaki/)

### TECHNICAL SKILLS & LANGUAGES

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Python (astropy, matplotlib, NumPy, scikit-learn), Jupyter Notebook, IDL, Octave, C, perl, Fortran; Virtual Observatory; ADQL (SQL); IRAF; AIPS; CASA; Topcat; STILTS; Aladin

operating systems (Linux, Mac OS X, Windows); Office applications; latex, overleaf; HTML, wordpress

Data reduction, analysis, visualisation; 3D cubes; large data-sets; classification; clustering; regression; ML; AI; ChatGPT; image/signal processing; proposal writing; event/ conference organiser

GREEK (native), ENGLISH (fluent), GERMAN (basic), PORTUGUESE (basic), FRENCH (basic).

### MANAGEMENT SKILLS

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work coordination, people and interpersonal skills, project & crisis management, abstract thinking, decision-making, problem-solving, delegation, motivating, adaptive leadership, organisation, story-telling; agile, culturally agile; international group leadership (groups of 100s); negotiations

### PROFESSIONAL EXPERIENCE

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referee for A&A; MNRAS; Springer Nature; MDPI; referee for theses; ESO OPC112

Publications: 50 academic articles (11 first author); h-index 18; 1 academic book (Springer 2024); publications on ADS; Google Scholar).

Student (co-)supervision: intern (high-school; 2), bachelor's (5), master's (7), PhD (2); Lecturer undergraduate tutorials (3 groups).

Science communication: articles (35); books (2); videos/live events online (135); citizen science; elenivardoulaki.com