

Curriculum Vitae

Dr Eloy de Lera Acedo

Group leader (Cavendish Radio Cosmology)
STFC Ernest Rutherford Fellow

Cavendish Astrophysics
Kavli Institute for Cosmology in Cambridge

Cavendish Laboratory, JJ Thomson Ave,
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Expertise

Radio cosmology and astrophysics, radio instrumentation, antenna theory and design, electromagnetic modelling and metrology.

Academic background

STFC Ernest Rutherford Fellow, University of Cambridge, 2022-2026.

Group leader (Cavendish Radio Cosmology group), 2018-

⇒ 8 PhD students, 3 PDRAs.

Principal Research Associate, University of Cambridge, 2018-2021.

Senior Research Associate, University of Cambridge, 2013-2018.

Research Associate, University of Cambridge, 2010-2012.

Research Assistant, University of Cambridge, 2007-2009.

Research Assistant, National Astronomical Observatory Spain, 2006-2007.

Education

PhD 2010, University Carlos III Madrid and University of Cambridge (visiting student), *suma cum laude*.

MSc Telecommunications Engineering 2005, University Carlos III Madrid, *suma cum laude*.

Selected recent research projects

REACH: Radio Experiment for the Analysis of Cosmic Hydrogen, 2018-. International PI.

SKA: Square Kilometre Array, 2022-2024, Cambridge PI.

HERA: Hydrogen Epoch of Re-ionization Array, Co-I, Exec board member, Work package lead.

Research and publications

Link to publications: <https://cavendishcmwavecology.weebly.com/publications.html>

Selected prizes, awards and honours

Fellow of the Royal Astronomical Society (awarded 2022), **STFC Ernest Rutherford Fellowship (awarded 2021)**, **Downing college bye-fellowship (awarded 2015)**.

Selected teaching experience

Head of Class Part II Physics, University of Cambridge, 2020-.

Head of Class Part Ib Physics, University of Cambridge, 2017-2020.

Other relevant information

URSI commission A UK representative; Coordinator of the Cavendish Astrophysics group; Member of the Cavendish graduate funding and graduate education committees; Member of the science coordination committee at the Kavli Institute for Cosmology in Cambridge.