

# ELLIS R. OWEN

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*Astrophysical Big Bang Laboratory  $\diamond$  RIKEN Cluster for Pioneering Research*

*2-1 Hirosawa  $\cdot$  Wakō-shi  $\cdot$  Saitama  $\cdot$  351-0198  $\cdot$  Japan*

## EDUCATION

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<b>BA in Natural Sciences (Astrophysics)</b> University of Cambridge, UK <i>Graduated with honours (Class II)</i>	2009-2012
<b>MSc in Astrophysics</b> UCL Department of Physics & Astronomy, UK <i>Graduated with distinction</i> Thesis: <i>Modified Gravity as an alternative to Dark Energy</i> Supervisors: Prof. Ofer Lahav, Dr. Donnacha Kirk	2012-2013
<b>Research Assistant</b> Max-Planck-Institut für Kernphysik, Germany Research: Diffuse $\gamma$ -ray emission from the Galaxy & CTA analysis software development Supervisors: Prof. Werner Hofmann, Dr. Christoph Deil	2013-2014
<b>PhD in Astrophysics</b> UCL Mullard Space Science Laboratory, UK Thesis: <i>Hadronic Processes of Energetic Particles in Star-Forming and High-Redshift Protogalactic Environments</i> Supervisor: Prof. Kinwah Wu	2014-2019

## ACADEMIC APPOINTMENTS

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<b>CICA Research Fellow</b> , Institute of Astronomy, National Tsing Hua University, Taiwan <i>Institutional personal fellowship leading an independent research program</i> Host researcher: Prof. Shih-Ping Lai	2019-2022
<b>JSPS Research Fellow</b> , Theoretical Astrophysics Group, Osaka University, Japan <i>Independent fellowship</i> Host researcher: Prof. Yoshiyuki Inoue	2022-2024
<b>RIKEN Special Postdoctoral Researcher</b> , Astrophysical Big Bang Laboratory, Cluster for Pioneering Research, Wakō-shi, Saitama, Japan <i>Independent institutional fellowship</i> Host researcher: Dr. Shigehiro Nagataki	Dec. 2024 - Present

## AWARDS, SCHOLARSHIPS & FELLOWSHIPS

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<b>UK Science &amp; Technology Facilities Council PhD Scholarship</b> Stipend, research budget and tuition fees for duration of PhD programme (2014-2019)	2014
<b>JSPS Postdoctoral Research Fellowship</b> Value approx. 12M JPY (including Grant-in-Aid of Research), selection ratio across all fields $\sim$ 10%	2022
<b>NCTS Postdoctoral Paper Prize</b> One of two awards for top postdoctoral research paper, selected across all Physical Science subjects in Taiwan	2022
<b>MEXT Leading Initiative for Excellent Young Researchers (LEADER): Selected Candidate</b> 10M JPY per year for 5 years if matched with tenure-track/permanent employment at a university in Japan	2023
<b>RIKEN Special Postdoctoral Research Fellowship</b> Value approx. 25M JPY, selection ratio across all science fields $\sim$ 15%	2024