

John Douglas Veitch

Date of Birth	5 th March 1982	Email	john.veitch@glasgow.ac.uk
Nationality	British & Irish	Web	www.veitch.me.uk
ORCID	0000-0002-6508-0713	Mobile	+44 779 678 3896

Present Appointment

Jul 2026 - present University of Glasgow - Institute for Gravitational Research
Professor of Physics

Employment History

Aug 2020 - July 2026 University of Glasgow - Institute for Gravitational Research
Senior Lecturer

May 2017 - July 2020 University of Glasgow - Institute for Gravitational Research
Lecturer & Ernest Rutherford Research Fellow (May 2017 - Jan 2019)

Feb 2014 - April 2017 University of Birmingham - Astrophysics and Space Research Group
Ernest Rutherford Research Fellow & Birmingham Fellow (Mar 2016 - April 2017)

Feb 2012 - Jan 2014 Nikhef (Dutch National Institute for Subatomic Physics)
Specialist

Sept 2009 - Jan 2012 Cardiff University - Gravitational Physics Group
Postdoctoral Research Associate

Jan 2007 - Sept 2009 University of Birmingham - Astrophysics and Space Research Group
Research Fellow

Academic Qualifications

2003 - 2007 Ph. D in Physics - The University of Glasgow
Institute for Gravitational Research / Astronomy and Astrophysics Group (Supervisor: Dr Graham Woan)

1999 - 2003 M Sci. (hons) in Physics, 2:1 - The University of Glasgow

Esteem Indicators

■ Awards and Prizes

- 2026 Frontiers of Science Award (International Congress for Basic Science)
- 2017 Einstein Medal (Albert Einstein Society)
- 2017 Bruno Rossi Prize (American Astronomical Society)
- 2017 Group Award (Royal Astronomical Society)
- 2016 Gruber Prize in Cosmology (Gruber Foundation)
- 2016 Special Breakthrough Prize in Fundamental Physics (Fundamental Physics Prize Foundation)
- 2013 Chandrasekhar Prize (International Society for General Relativity and Gravitation)

■ Honours and Distinctions

- 2013 Honorary membership International Society for General Relativity and Gravitation
- 2017 Invited lead speaker for GW170817 Press Conference, Royal Society

Teaching & Related Administration

■ Leadership roles

- 2025 - present** Class Head, Astronomy Honours
- 2020 - 2025** Class Head, Astronomy 1
- 2017 - 2020** Deputy Class Head, Astronomy 1

■ Courses taught

- 2026 - present** Lecture Course: *Electromagnetic Theory II* (masters level, Glasgow)
- 2023 - present** Lecture Course: *General Relativity II* (masters level, Glasgow)
- 2017 - present** Lecturer: *Gravitational Wave Detection* (M. Sc, Glasgow)
- 2018 - present** Supervisor: Undergraduate research projects (Glasgow)
- 2023 - 2025** Lecture Course: *Electronic Signals Transmission* (honours level, Glasgow)
- 2018 - 2023** Lecture Course: *Stellar Physics* (level 1, Glasgow)
- 2020 - 2021** Lecture Course: *Galaxies II* (honours level, Glasgow)
- 2019 - 2021** Astronomy Honours Lab Projects (Glasgow)
- 2017** Gravitational Wave Group Studies (Birmingham)
- 2015 - 2017** Lecture Course: *Inference from Scientific Data* (M. Sci, Birmingham)

Research & Related Administration

■ Research Interests

- Astrophysics: Properties and populations of black hole and neutron star coalescing binaries, multi-messenger analysis of short gamma-ray bursts
- Gravitational physics: Tests of general relativity with coalescing black holes, cosmology with standard sirens
- Astrostatistics / data analysis: Bayesian hierarchical modelling, machine learning, high-throughput computing

■ Leadership & Administrative roles

- 2026 - present** Elected member of LSC Management Team
- 2024 - present** Member (chair since 2025), LIGO Speakers and Awards Committee, responsible for ensuring equitable LIGO representation at conferences, awards
- 2026 - present** Senior Fellow, European Coalition for AI in Fundamental Physics (EUCAIF)
- 2025 - present** Executive Editorial Board, Classical and Quantum Gravity
- 2022 - 2025** Institute of Physics Gravitational Physics Group board member
- 2024 - 2026** co-lead, LIGO-Virgo-KAGRA Collaboration editorial team for GW230814
- 2022 - 2024** Senior member, LIGO Academic Advisory Council. Organised training, careers events and networking for junior members of collaboration.
- 2021 - 2024** Co-chair, Einstein Telescope Observational Science Board Division 10, coordinated activities of working group leading to publication of the Einstein Telescope Blue Book
- 2020 - present** Member, UKRI IRIS delivery board
- 2019 - 2021** Co-lead, LIGO-Virgo Collaboration (LVC) editorial team for flagship O3a compact binaries discovery paper
- 2019 - 2024** UK representative on management committee for COST Action “Quantum Gravity Phenomenology in the Multi-Messenger Approach”
- 2015 - 2018** Co-chair, LVC Compact Binary Coalescence working group (~150 active members). Co-ordinated analysis during first and second observing runs of Advanced LIGO & Advanced Virgo. Member of Data Analysis Council. Acted as reviewer for memoranda of understanding for LSC groups.
- 2017** Chair of LVC Paper-writing team for “GW170817: Observation of gravitational waves from a binary neutron star coalescence”
- 2012 - 2015** Co-chair, LVC binary neutron star subgroup

Research Grants and Collaborations

■ Collaborations

2020 - present Member of Einstein Telescope Collaboration
2024 - present Member of LISA Consortium
2003 - present Member of LIGO Scientific Collaboration or Virgo Collaboration

■ **Selected Additional Research grants**

2025 - 2028 STFC Consolidated Grant *Investigations in Gravitational Radiation* (£2.1M) Co-investigator
2025 - 2027 RSE International Partnership Grant *Gravity under the lens: Preparing for the era of space-based GW astronomy* (£4.4k) Co-investigator
2023 - 2027 STFC Grant *The Next-Generation Gravitational Wave Observatory Network* (£3.1M) Co-investigator
2021 - 2024 STFC Consolidated Grant *Investigations in Gravitational Radiation* (£5.9M) Co-investigator
2020 - 2023 Co-author STFC+NSF+ARC proposal for *The A+ Upgrade: Expanding the Advanced LIGO Horizon* (UK contribution £10.7M)
Oct 2019 - Sept 2021 Royal Society of Edinburgh Grant *Tests of General Relativity with Gravitational Waves* (£12k) Principal investigator
Jun 2017 - May 2020 STFC Grant *Strengthening capacity in big data and engineering through LIGO-India* (£256k). Co-investigator
Apr 2017 - Mar 2020 NERC *Reducing Greenhouse Climate Proxy Uncertainty* (£628k FEC) Co-investigator.
Apr 2016 - Mar 2019 STFC Consolidated Grant for Birmingham Astro group (£2.29M FEC) Co-investigator.
Sept 2015 - March 2019 STFC Grant *Constraining Compact Binary Formation with Gravitational Wave Observations* (£105k). Principal investigator. Competitive grant available for Ernest Rutherford fellows.
Feb 2014 - Jan 2019 *Surveying black holes and neutron stars with gravitational waves* STFC Ernest Rutherford Fellowship (£557k). A highly competitive research fellowship.

Other Professional Activities

- 2025 - present: member UKRI Digital Research Infrastructure Pool
- 2025 - present: member of executive editorial board, Classical and Quantum Gravity
- 2021 - 2024: Panel member for STFC Ernest Rutherford Fellowships
- 2025 - present: Elected Fellow, European Coalition for AI in Fundamental Physics (EUCAIF)
- Fellow of the Royal Astronomical Society and Member of the Institute of Physics
- Journal referee for Phys. Rev. Lett, Phys. Rev. D, Phys. Rev. X, Astrophys. J., Classical Quant. Grav, Machine Learning in Science and Technology, MNRAS, among others.
- Proposal reviewer for e.g. STFC, EPSRC, UKRI, Royal Society, NASA, NWO (Netherlands), Swiss National Science Foundation, Belgian Science Policy Office, Kings College Cambridge,
- Organised conferences/sessions: GR24-Amaldi16 Local Organising Committee (2025, ~ 800 attendees), RAS-NAM Scientific Organising Committee (2019, ~ 500 attendees), RAS-NAM session organiser (2016, 2022, 2023), RAS meeting *Towards Gravitational Wave Astronomy: Data analysis techniques and challenges* (2014), Physics@FOM High-energy Astrophysics session (2013), JENAM session organiser (2009)
- Ph. D examiner for institutions in UK, Netherlands, France, Germany, Italy
- Organised outreach events e.g.: IntoUniversity Astronomy sessions for primary school children from disadvantaged backgrounds, WorldCon 2024 (6000 attendees) gravitational waves stall
- Regular outreach engagement with schools (e.g. National Astronomy Meeting Schools Day lecture), media (e.g. BBC, Guardian), science festivals, local societies, etc
- Co-author of over 300 published articles. Full list available at orcid.org/0000-0002-6508-0713