

2014 The Shell and Institute of Physics Award for the Very Early Career Woman Physicist of the Year: winner, £1000

2013 UCL Chris Skinner Department of Physics and Astronomy Thesis Prize: winner

2013 Royal Astronomical Society Michael Penston Thesis Prize: runner up

2010 Durham University J.B.Chalmers Prize: winner for exceptional Physics degree marks

2009 Durham University Award for Outstanding Achievement in Physics: winner for consistently achieving grades of over 80%.

Research Presentations

15 invited talks, 7 accepted presentations, 2 posters.

Recent notable talks:

- ASTRON, Groningen, Netherlands, June 2021, **invited seminar**
- University of Lancaster, June 2020, **invited seminar**, (postponed due to Covid-19)
- University of Nottingham, May 2020, **invited seminar**, (postponed due to Covid-19)
- Cosmological Analyses Featuring Galactic Foreground Emission, May 2020, **Invited review** (postponed due to Covid-19)
- University of Hertfordshire, February 2020, **invited seminar**
- Queen Mary University of London, Astronomy colloquium, Oct 2018, **invited seminar**
- IAU Symposium 333: "Peering towards Cosmic Dawn", Dubrovnik, Croatia, October 2017, **invited review**
- University of Birmingham, Astronomy colloquium, May 2017, **invited seminar**
- University of Nottingham, Astronomy colloquium, February 2017, **invited seminar**
- CAASTRO annual retreat, Australia, December 2016, **invited review**

Professional Services

Leadership and Project Participation

- Chair of SKA office inquiry into the effect of possible decrease in maximum baseline (8 members)
- Focus group leader within SKA-EoR working group
- LOFAR-EoR core member
- SKA-SDP

Conference Organisation

- The Epoch of Reionisation: UK community update, RAS Specialist Meeting, Feb 2018 (organiser)
- "Science at Low Frequencies IV", Sydney, December 2017 (SOC)
- IAU Symposium: Peering towards the Cosmic Dawn, May 2017, Croatia (SOC)
- EoR Algorithms, June 2016, Cambridge (SOC)

Committee Work

- UK SKA Programme Board, Jun 2021 – present
- UK SKA Early Career Researcher Committee, October 2020 - present
- Organised creation of Imperial College Department of Physics Welfare Committee, 2018
- Co-director of the 1752 Group, involved in drafting best practice harassment and bullying policy with UUK, UCU and NUS, 2017 – present (see www.1752group.com)
- Imperial College Sexual Harassment Policy Reform Working Group, 2018 - present
- Imperial College Equality and Diversity Forum, 2017 - present
- Imperial College London JUNO committee culture focus group leader, 2015 - present
- Institute of Physics Diversity and Inclusion Committee member, 2013 - 2017

- UCL JUNO committee, 2014 – 2015

Media

- Guest on Radio 4 Today Programme, Harassment and Bullying in Science
- NPR Cool Science Podcast, May 2021
- Royal Astronomical Society Supermassive Podcast, Feb 2021
- Guest on BBC Radio 4 Inside Science discussing astronomy stories of the year
- Authored Article in the i Paper, an excerpt from First Light: <https://inews.co.uk/news/science/first-stars-world-bodies-emma-chapman-astrophysicist-explained-795458>
- Guest on Irish TechNews, Future Proof, Times Radio, Dec 2020
- The Times Podcast, Dec 2020
- Authored Article in Science Focus on Cecilia Payne-Gaposchkin, Dec 2020: <https://www.sciencefocus.com/space/the-life-changing-and-long-lasting-influence-of-cecilia-payne-gaposchkin/>
- Guest on Irish TechNews, Future Proof, Times Radio, Nov 2020
- Interplanetary Podcast, November 2020, <https://podcasts.apple.com/gb/podcast/211-emma-chapman-first-stars/id1097505801?i=1000498723248>
- BBC Sky at Night Magazine podcast, November 2020, <https://play.acast.com/s/radio-astronomy/20yearsoftheinternationalspacestation>
- Guest on BBC News discussing NDAs, and their use in higher education, March 2020
- National Geographic, October 2019, <https://www.nationalgeographic.co.uk/science-and-technology/2019/10/once-most-famous-scientists-were-men-thats-changing>
- Guest on Victoria Derbyshire, LBC, Sky News and Channel 5 News, MP's call for a ban on NDAs, June 2019
- Guest on Radio 4 Inside Science end of year special representing Astrophysics, Dec 2018
- Invited Commentary to Physics Today December Issue, <https://physicstoday.scitation.org/doi/10.1063/PT.3.4080>
- Guest on Radio 4 Inside Science discussing women in STEM initiatives, August 2018
- “Report harassment or risk losing funding, says top UK science funder”, March 2018, <https://www.nature.com/articles/d41586-018-05071-7>
- “Cosmic dawn: astronomers detect signals from first stars in the universe”, February 2018, <https://www.theguardian.com/science/2018/feb/28/cosmic-dawn-astronomers-detect-signals-from-first-stars-in-the-universe>
- Guest on BBC Radio 4 Woman’s Hour on topic of sexual misconduct, February 2018
- Guest on sexual harassment in academia and Hollywood, BBC World News, BBC UK News, BBC Radio 4 “The World Tonight” (October 14/15 2017)
- Physics World Blog Contribution: <http://blog.physicsworld.com/2017/07/28/bias-stereotyping-and-harassment-what-women-battle/#more-14619>
- Contribution to “More universities must confront sexual harassment” editorial in Nature 547, 379 (27 July 2017) doi:10.1038/547379a
- Scientific advisor for Pioneer Productions, “The Universe and Me”, July 2017
- Panel member for Radio 4 “All in the Mind: Unconscious Bias” episode, a Royal Institution event (03 March 2017)
- Institute of Physics News article on PhD student culture, May 2015: http://www.iop.org/news/15/may/page_65667.html

Recent Outreach

Science

- Open University Space Society, July 2021
- Edinburgh Science Festival, A reading of First Light, July 2021
<https://www.sciencefestival.co.uk/event-details/first-light-switching-on-stars-at-the-dawn-of-time-with-emma-chapman>
- York Science Festival, June 2021
https://www.youtube.com/watch?v=Zq_bbQyD94E
- American Natural History Museum, New York, May 2021
- Physics Today (US publication) Webinar, April 2021
- AstroFest 2021, March 2021
- Skeptics in the Pub, February 2021
- Royal Institution talk on the First Stars, audience of 700, Nov 2020
- https://www.youtube.com/watch?v=wmhR_ttQ9-E
- Royal Museums Greenwich, In conversation with..., Nov 2020
<https://www.rmg.co.uk/membership/conversation-dr-emma-chapman-first-light-switching-on-stars-dawn-time>
- Babble Talks, June 2019 and Jan 2020
- Imperial Festival, Day in the Life talks, June 2019
- Friends of Imperial College London, “First Stars”, October 2018
- New Scientist Live, “First Stars”, September 2018, largest audience of the day.
<https://www.newscientist.com/video/2184799-emma-chapman-the-first-stars-in-the-universe/>
- Euroscience Open Forum, “The Square Kilometer Array: showing the early stages of our Universe”, July 2018
- Cheltenham Science Festival, Panel Member, “Beyond Light: The Future of Astronomy”, June 2018

Diversity

- University of Nottingham, May 2020, **invited diversity colloquium**, (postponed due to Covid-19)
- University of Bristol, Bristol Quantum Information Technologies Workshop, **invited diversity panel member**, Apr 2020
- Cheltenham Science Festival, Panel Member, “Workplace Bullies”, June 2019
- Gamechangers Conference, Turing Institute, “How to Moan Effectively and Effect Change”, September 2018, <https://www.youtube.com/watch?v=31M8SGez90E>
- Institute of Physics JUNO Diversity and Harassment Conference, “Sexual Misconduct in UK Universities”, August 2018
- “How do we Solve Science's Problem with Women?”, Wellcome Collection, February 2018
- Panel member for “Bias in Science”, International Conference for Women in Physics, Birmingham, July 2017

Teaching

- 2020/2021 – Supervisor of four BSc research projects and one MSc research project
- 2019-2023 – Co-supervisor of PhD student
- 2017-2021 – Co-supervisor of PhD student
- 2015/2016 – Third year laboratories, semi-conductor physics, Imperial College London
- 2014/2015 – Mathematical Methods I Problem Solving Tutorials, UCL

Journal Review: AAS, MNRAS

Grant Review: STFC Astronomy Grants Panel Consolidated Grant, Canada Foundation for Innovation (CFI)