

TALKS AND CONFERENCES

Keynotes and panels

- "Environmentally sustainable bioinformatics: how do we get there?", EMBL-EBI Summer School in Bioinformatics (Hinxton, UK). *June 2023*. [slides]
- "Transforming our future: sustainability in the research and innovation endeavour", Panel at the Royal Society (London, UK). *May 2023*.
- "The environmental impacts of bioinformatics: how bad is it and what can we do about it?", Keynote talk at the 2023 Bioinformatics Open Days, Universidade do Minho (Braga, Portugal). *March 2023*. [slides]
- "Training the next generation of sustainable computational scientists", Keynote talk at the "Education in Biology" track at ISMB 2022 (Madison, WI, USA). *July 2022*. [slides]
- "AI and Sustainability", panelist at the *SGAI-2021 International Conference on Artificial Intelligence* (Cambridge, UK). *December 2021*.

Invited conference talks

- "Environmentally sustainable bioinformatics: how do we get there?", RiboClub event "Exo/Astrobiology and Green Science" (Québec, Canada). *June 2023*.
- "The carbon footprint of computational science: how bad is it and what can we do about it?", UCL Open Science conference (London, UK). *April 2023*.
- "The carbon footprint of bioinformatics", Montpellier Omics Days (Montpellier, France). *February 2023*. [slides]
- "The carbon footprint of machine learning: how bad is it and what can we do about it?", SGAI-2022 International Conference on Artificial Intelligence (Cambridge, UK). *December 2022*. [slides]
- "Addressing the carbon footprint of science", Cambridge Mathematics of Information in Healthcare Hub's engagement event (Cambridge, UK). *July 2022*. [slides]
- "Addressing the carbon footprint of computational science", 2022 Sustainable Research Symposium (Utrecht, NL). *May 2022*. [slides]
- "The (not so) hidden carbon footprint of scientific computation", CPR Goes Green event, University of Copenhagen (Denmark). *April 2022*. [slides]
- "Green Computing made easy", Conference talk at the *Computational Biology Going Green* special session at ISMB/ECCB 2021 (virtual). *June 2021*. [slides] [recording]

Invited seminars

- "GREENER principles for computational science", Brunel University (London, UK). *June 2023*.
- "The carbon footprint of computational science", Series of talks at EPFL and ETH (Lausanne and Zurich, Switzerland). *May 2023*.
- "The carbon footprint of computational science: how bad is it and what can we do about it?", UK Health Security Agency (UK). *May 2023*. [slides]
- "The carbon footprint of computational science (and the data it relies on): how bad is it and what can we do about it?", Data Champion Forum (Cambridge, UK). *March 2023*. [slides]
- "The carbon footprint of computational science: how bad is it and what can we do about it?", University of Leiden (Leiden, NL). *March 2023*.
- "Biomedical data science and research sustainability", Institute of Cancer Research (London, UK). *January 2023*. [slides]
- "The carbon footprint of computational biology", LEAN network meeting (London, UK). *October 2022*. [slides]
- "The carbon footprint of computational biology: how bad is it and what can we do about it?", Series of talks at the University of Lausanne and the University of Basel/ETH (Switzerland). *October 2022*. [slides]
- "The carbon footprint of computational science: how bad is it and what can we do about it?", Cambridge Centre for Data-Drive Discovery (UK). *October 2022*. [slides]
- "The environmental impacts of computational biology: how bad is it and what can we do about it?", University of Exeter (UK). *September 2022*. [slides]
- "Energy impacts of ML AI", Lancaster Data Science Institute (UK). *February 2022*. [slides] [recording]

Webinars

- "Between computation, climate and culture: perspectives on sustainability and research", The Turing Way's Fireside chat (virtual). *June 2023*.
- "The carbon footprint of computational science", Green Your Lab (virtual). *April 2023*.
- "The environmental impact of AI", The Optimist Café (virtual). *April 2023*.

- "The environmental impact of computational biology", EMBL-EBI's training webinar (virtual). *November 2022*. [slides] [recording]
- "The carbon footprint of large scale computations", Industry-oriented webinar organised by SQream (virtual). *June 2022*. [slides]

Contributed talks

About the Green Algorithms project:

- eSCAMPS - Sanger-EBI-University of Cambridge Symposium (UK), 2021. [slides]
- CSHL Meeting on Biological Data Science (US), 2020.
- Varsity Sci conference between Oxford and Cambridge (UK), 2020. [slides] [recording]
- 6th European Student Council Symposium, ISCB (virtual), 2020.

On protein-protein interactions:

- CEU Scientific meeting, Dept of Public Health and Primary Care, University of Cambridge (UK), 2021.
- PhD presentations, Dept of Public Health and Primary Care, University of Cambridge (UK), 2021.
- Cambridge-Baker System Genomics Initiative launch event (UK), 2019.

Posters and flash talks

- "Construction of in silico protein-protein interaction networks across different topologies using machine learning", ISMB 2022 (Madison, WI, USA). *July 2022*. [poster]
- "Green Algorithms: Quantifying the carbon impact of genomics", Wellcome Genome Campus conference *Genome Informatics* (UK). 2020. [poster] [recording]
- "Using Machine Learning to predict protein-protein interaction networks", Cambridge Network Days (UK). 2019.