

PERSONAL INFORMATION

Family name, First name: Oksanen, Lauri

Researcher unique identifier: <https://orcid.org/0000-0002-3228-7507>

Nationality: Finnish

URL for web site: <https://www.mv.helsinki.fi/home/lsoksane/>

• CURRENT POSITION

2021– Professor
Department of Mathematics and Statistics, University of Helsinki, Finland

• PREVIOUS POSITIONS

2020–2021 Professor
Department of Mathematics, University College London, UK

2017–2020 Reader
Department of Mathematics, University College London, UK

2013–2017 Lecturer
Department of Mathematics, University College London, UK

2012–2013 Acting assistant professor
Department of Mathematics, University of Washington, US

• EDUCATION

2012 PhD, with distinction
Department of Mathematics and Statistics, University of Helsinki, Finland

2008 Master, with distinction
Department of Mathematics, Helsinki University of Technology, Finland

• FELLOWSHIPS, AWARDS AND MAJOR GRANTS

2023 Väisälä Prize, Finnish Academy of Science and Letters

2023– ERC Consolidator Grant

2019 Calderón Prize, Inverse Problems International Association

2018 JiongWei Young Researcher Award for Inverse Problems,
International Conference on Inverse Problems

2017–2021 Fellowship, Engineering and Physical Sciences Research Council (EPSRC), UK

2011 Finnish Inverse Prize, Finnish Inverse Problems Society

• SUPERVISION OF STUDENTS AND POSTDOCTORAL FELLOWS

2021– 5 masters students,
Department of Mathematics and Statistics, University of Helsinki (UH), Finland¹

2014–2021 2 postdocs, 1 PhD student, 2 master students,
Department of Mathematics, University College London (UCL), UK

¹In addition, currently supervising 4 postdocs, 3 PhD students and 2 master students.

- **TEACHING ACTIVITIES**

- 2021– 7 lecture courses, University of Helsinki, Finland
- 2024 Intensive course, Fudan University, Shanghai, China
- 2022 Intensive course, CIRM, Marseille, France
- 2022 Intensive course, University of Jyväskylä, Finland
- 2018 Intensive course, Max Planck Institute, Leipzig, Germany
- 2013–2020 9 lecture courses, small group tutorials, University College London, UK
- 2012–2013 2 lecture courses, University of Washington, US

- **INSTITUTIONAL RESPONSIBILITIES**

- 2024– Board member, FAME Flagship, Research Council of Finland’s Flagship Programme
- 2022– Board member, Master’s Programme in Data Science, UH, Finland
- 2022– Board member, Doctoral Programme in Mathematics and Statistics, UH, Finland
- 2022– Board member, Scientific and Infrastructure Board MATIAS, UH, Finland
- 2022– Board member, IT Steering Group of Kumpula Campus, UH, Finland
- 2021– Member of the Centre of Excellence of Inverse Modelling and Imaging, Finland
- 2014–2021 Mathematics and statistical science programme coordinator, UCL, UK
- 2013–2021 Member of the UCL Centre for Inverse Problems, UK

- **RECENT OTHER ACTIVITIES**

- 2024 Reviewer for EPSRC, UK
- 2024 Reviewer for Estonian Research Council
- 2024 Reviewer for Natural Sciences and Engineering Research Council of Canada
- 2023 Reviewer for UEFISCDI, Romania
- 2023 Workshop organizer, Banff International Research Station, Canada
- 2023 Member of the Calderón Prize committee
- 2023 Member of the scientific committee of Applied Inverse Problems 2023 conference
- 2021– Member of the editorial board of the journal Inverse Problems and Imaging
- 2017– PhD examiner at University of Cambridge, Université Paris–Saclay, Universidad Autónoma de Madrid, Technical University of Denmark, Queen Mary University of London, University of Leeds, University of Jyväskylä, Aalto University, University of Eastern Finland

- **RECENT PLENARY PRESENTATIONS**

- 2024 Fixed angle inverse scattering, *Waves*, Harnack House, Berlin, Germany
- 2022 Lorentzian Calderón problem under curvature bounds, *Mathematics of Wave Phenomena*, Karlsruhe Institute of Technology (online)
- 2019 On regularization of unique continuation problems, *Applied Inverse Problems*, Université Grenoble Alpes
- 2018 Inverse problems for hyperbolic partial differential equations, *Celebration of Mathematics: 150 years of the Finnish Mathematical Society*, University of Helsinki