

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, 1 372 986 EUR

2022– Academy Project, Research Council of Finland, 582 400 EUR

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, UK, 629 463 GBP

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 5 postdocs, 3 PhD students and 2 master students.

• INVITED TEACHING

2024	Short course, Fudan University, Shanghai, China
2022	Short course, CIRM, Marseille, France
2022	Short course, University of Jyväskylä, Finland
2018	Short course, Max Planck Institute, Leipzig, Germany

• INSTITUTIONAL RESPONSIBILITIES

2024–	Board member, FAME Flagship, Research Council of Finland's Flagship Programme
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
2022–2024	Board member, Master's Programme in Data Science, UH, Finland
2014–2021	Mathematics and statistical science programme coordinator, UCL, UK
2013–2021	Member of the UCL Centre for Inverse Problems, UK

• OTHER ACTIVITIES

2025	Reviewer for Estonian Research Council
2025	Reviewer for European Research Council
2025	Reviewer for Austrian Science Fund
2025	Reviewer for Deutsche Forschungsgemeinschaft
2024	Reviewer for Agence Nationale de la Recherche, France
2024	Reviewer for Engineering and Physical Sciences Research Council (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
2021	Reviewer for the National Fund for Scientific and Technological Development of Chile
2021	Reviewer for the Austrian Academy of Sciences
2019	Member of an EPSRC Mathematical Sciences Prioritisation Panel, UK
2019	Member of the scientific committee of Chemnitz Symposium on Inverse Problems
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, <i>Waves</i> , Harnack House, Berlin, Germany
2022	Lorentzian Calderón problem under curvature bounds, <i>Mathematics of Wave Phenomena</i> , 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

• **ORGANIZATION OF SCIENTIFIC MEETINGS**

- 2023 Inverse Problems and Nonlinearity, Banff International Research Station (BIRS), Canada
- 2018 EPSRC Inverse Problems network meeting 3, University College London (UCL), UK
- 2016 Workshop on Carleman estimates, unique continuation and applications, UCL, UK
- 2016 Dirichlet-to-Neumann Maps: Spectral Theory, Inverse Problems and Applications, BIRS–Casa Matemática Oaxaca, Mexico