

**PERSONAL INFORMATION**

Family name, First name: **Tamanini, Nicola**

Researcher unique identifier: 0000-0001-8760-5421 (ORCID)

Date of birth: 26/02/1986

Nationality: Italian

URL for web site: <https://nicolatamanini.github.io>

**• EDUCATION**

- 2014 *PhD in applied mathematics*  
Department of Mathematics, University College London, United Kingdom
- 2010 *MSc in theoretical and computational physics*  
Faculty of Natural Sciences, University of Trento, Italy
- 2008 *BSc in physics*  
Faculty of Natural Sciences, University of Trento, Italy

**• CURRENT POSITION**

- 2021 – pres. *CNRS Directeur de Recherche*  
Laboratoire des 2 infinis - Toulouse (L2IT), Toulouse, France

**• PREVIOUS POSITIONS**

- 2017 – 2021 *Junior Scientist / Postdoc*  
Max Planck Institute for Gravitational Physics (Albert Einstein Institute)  
Potsdam, Germany
- 2014 – 2017 *Eurotalents Research Fellow / Postdoc*  
Institut de Physique Théorique, CEA Saclay, France

**• FELLOWSHIPS AND AWARDS**

- 2021 – 2022 *ANR Tremplin ERC StG Fellowship* (total €68k)
- 2020 *Royal Society University Research Fellowship* (£600k)  
King's College London, United Kingdom (offered but declined)
- 2016 *Radboud Excellence Initiative Fellowship* (€120k)  
Radboud University, The Netherlands (offered but declined)
- 2015 – 2017 *Eurotalents Research Fellowship* (€65k)  
Institut de Physique Théorique, CEA Saclay, France
- 2011 – 2014 *Graduate Research Scholarship* (£66k)  
Graduate Research School, University College London, United Kingdom
- 2005 – 2008 *PAF Scholarship and Award* (€12k)  
Faculty of Natural Sciences, University of Trento, Italy

**• SUPERVISION OF GRADUATE STUDENTS AND POSTDOCS**

*3 Postdocs, 2 PhD students and 4 master/undergraduate students*  
Laboratoire des 2 infinis - Toulouse (L2IT), Toulouse, France

**• TEACHING ACTIVITIES**

- 2022 Teacher (pedagogical seminar) - Gravitational waves and their applications to cosmology  
*Mathematical foundations and applications of gravity*, online
- 2022 Teacher (pedagogical seminar) - Gravitational wave cosmology with LISA  
*Euclid Summer School*, Banyuls, France
- 2016 Teacher (short-term course) - Gravitational waves  
*10th TRR-33 Winter School on Cosmology*, Passo del Tonale, Italy
- 2013 Teacher (short-term course) - Introduction to Mathematica  
*University College London*, UK
- 2012 Teaching assistant (short-term course) - Introduction to Mathematica  
*University College London*, UK
- 2011 Teaching assistant (long-term course) - Structure of Matter  
*Faculty of Natural Sciences*, University of Trento, Italy

## • INSTITUTIONAL RESPONSIBILITIES

- 2022 – pres. Nominated member of the *Collège Scientifique Physique-SDU* de l'Université Paul Sabatier
- 2021 – 2022 *Chair of the gravitational wave postdoc application selection committee*  
Laboratoire des 2 infinis - Toulouse (L2IT), Toulouse, France
- 2021 *Chair of the gravitational wave PhD application selection committee*  
Laboratoire des 2 infinis - Toulouse (L2IT), Toulouse, France
- 2019 – 2021 *Member of the PhD Application Review Committee*  
Astrophysical and Cosmological Relativity Division, Max Planck Institute for  
Gravitational Physics (Albert Einstein Institute) - Potsdam, Germany
- 2017 – 2020 *Organiser of Weekly Division Seminars*  
Astrophysical and Cosmological Relativity Division, Max Planck Institute for  
Gravitational Physics (Albert Einstein Institute) - Potsdam, Germany

## • RESEARCH RESPONSIBILITIES

- 2022 – pres. *Member of the Comité de Pilotage and of the Conseil Scientifique of the GdR Ondes Gravitationnelles*
- 2022 – pres. *Coordinator of the cosmology working group of the GdR Ondes Gravitationnelles*
- 2021 – pres. *Leader of the Virgo group at L2IT*
- 2021 – pres. *Leader of the LISA group at L2IT*
- 2021 – pres. *Chair of the LIGO-Virgo-Kagra Cosmology Working Group*
- 2021 – pres. *Elected early-career chair of the LISA Cosmology Working Group*
- 2021 – pres. *Member of the LISA Consortium Publication & Presentation (P&P) Committee*
- 2019 – pres. *Coordinator of the LISA Working Package for the estimation of cosmological parameters with standard sirens*
- 2019 – 2021 *Elected Chair of the LISA Early Career Scientists group*

## • ORGANISATION OF SCIENTIFIC MEETINGS

- 2022 *LISA data analysis: from classical methods to machine learning*, Toulouse, France
- 2022 *Assemblée Générale GdR Ondes Gravitationnelles*, Toulouse, France
- 2022 *1st MaNiTou Summer School on Gravitational Waves*, Marseille, France
- 2022 *Virgo France Cosmology Meeting*, Paris, France
- 2021 *IRAP-L2IT GW mini-symposium*, Toulouse, France
- 2021 *9th LISA Cosmology Working Group Workshop*, online
- 2021 *Workshop on Gravitational Waves Astrophysics for Early Career Scientists*, online

## • SEMINARS, TALKS AND CONFERENCES (see personal website for complete list)

- 22 invited seminars at universities/research institutes
- 20 invited talks at international conferences
- 28 contributed talks at international conferences
- 89 meetings attended among conferences, workshops and short-term schools

## • REVIEWING ACTIVITIES

- Peer-review referee for 19 research journals (see personal website for complete list).
- Reviewer for funding schemes: *ANR Generic Call for Proposals* (France, 2021), *FONDECYT Regular Competition* (Chile, 2018), *NWO Talent Programme 2021 (Vidi grant)*, The Netherlands, 2022.
- Reviewed theses (external reviewer): 2 PhD thesis and 1 MSc thesis.

## • MAJOR COLLABORATIONS MEMBERSHIP

- 2022 – pres. Member of the *Einstein Telescope Consortium*
- 2021 – pres. Member of the *Virgo Collaboration*
- 2014 – pres. Full member of the *LISA Consortium*
- 2017 – 2021 Member of the *LIGO Scientific Collaboration*

## • OUTREACH

- 2019 N. Tamanini & C. Danielski, *Don't Panic! Gravitational waves can find new planets*, outreach article written for the LIGO Magazine (2019)  
[<https://www.ligo.org/magazine/LIGO-magazine-issue15.pdf#page=20>]