

## Curriculum Vitae Prof.dr. N.P. (Klaas) Landsman (1963), August 2023

### Awards and distinctions

- Spinoza Award, 2022 (this is the highest scientific distinction in the Netherlands)
- KHMW (Koninklijke Hollandsche Maatschappij der Wetenschappen), Elected 2021
- KNAW (Royal Netherlands Academy of Arts and Sciences), Elected 2019
- Winner of FQXi Essay Contest 2019-2020 on *Undecidability, Uncomputability, and Unpredictability*
- Visiting Fellow (Commoner), Trinity College, Cambridge, 2016 (awarded in 2014)
- Distinguished Professor (Hoogleraar 1), Radboud University, 2014
- Teaching Prize for Mathematics, Faculty of Science, Radboud University, 2013
- Bronze Medal for exceptional service, Radboud University, 2011
- NWO (Dutch Science Organisation) Pioneer Award, 1 Million Euro, 2002–2007
- KNAW Research Fellowship, 1997–2002
- Alexander von Humboldt Fellowship, Germany (FRG), 1993–94
- Advanced Research Fellowship, EPSRC (UK), 1991–1993, 1994–1997
- *Cum laude* for MSc (1985) and PhD (1989) degrees at University of Amsterdam

### Academic positions

1985–1989: Scientific Assistant, University of Amsterdam, Institute for Theoretical Physics

1989–1991: Research Assistant, DAMTP, University of Cambridge

1991–1993: Advanced Research Fellow, DAMTP, University of Cambridge

1993–1994: Alexander von Humboldt Fellow, II. ITP, University of Hamburg

1994–1997: Advanced Research Fellow, DAMTP, University of Cambridge

1997–2002: KNAW Research Fellow, KdV Institute, University of Amsterdam

1999–2000: Assistant Professor of Mathematics, KdV, University of Amsterdam

2000–2001: Associate Professor of Mathematics, KdV, University of Amsterdam

2001–2004: Full Professor of Mathematical Physics, KdV, University of Amsterdam

2004–2007: Full Professor of Analysis, IMAPP, Radboud University Nijmegen

2007–present: Full Professor of Mathematical Physics (IMAPP), Radboud University

### **Other external funding as Principal Investigator**

- 2000–2002: Spin-statistics connection and Unruh effect in QFT, 1 postdoc
- 2001–2003: Braided categories, operator algebras and quantum groupoids, 1 postdoc
- 2002–2005: Quantization and E-theory, 1 PhD student
- 2006–2010: Geometry and Quantum Theory (2.8M), national mathematics cluster
- 2009–2013: Topos theory, noncommutative geometry, and quantum logic, 1 PhD
- 2011–2015: The logic of composite quantum systems, NWO TOP-GO, 3PhD, 1 postdoc (with B. Jacobs and I. Moerdijk)
- 2013–2016: Invariants of noncommutative manifolds, NWO VC, 1 postdoc

### **External funding as co-applicant**

- 2013–2016: Experimental tests of quantum reality, TWCF, 2 postdocs at RU (joint project with A. Briggs as PI, Oxford, and H. Halvorson, Princeton)
- 2013–2018: Quantum gravity and the search for quantum spacetime, FOM, 3 postdocs, 3 PhD students (joint project with R. Loll as PI, F. Saueressig, W. van Suijekom)

### **Administration**

- 2001–2006: Board member, Dutch Association of Mathematical Physics
- 2005–2007: Chair, Teaching Committee for Mathematics, Radboud University
- 2006: Co-author, *Zelfevaluatie rapport Bachelor- en masteropleiding wiskunde*
- 2006–2009: Deputy director, IMAPP, Radboud University
- 2006–2008: Member, Mathematics Sounding Board (Resonansgroep Wiskunde) of the Dutch Ministry of Education, Culture and Science (OC&W)
- 2006–2008: Member, Scientific Council of *Talentedkracht* (National research programme on children aged 5-8)
- 2007–2009: Ambassador, Platform Beta Techniek of the Dutch Government
- 2007–2012: Member, Mathematics Council of Lorentz Center (Leiden)
- 2007–2012: Member, Board of the Senate of the Radboud University Nijmegen
- 2008: Co-author, *Masterplan Toekomst Wiskunde* (Master Plan for the Future of Mathematics) for the Dutch Minister of Education, Culture and Science
- 2008–2016: Member, Council for Technical Sciences, Mathematics, Informatics, and Natural Sciences of the Royal Netherlands Academy of Arts and Sciences
- 2009: Coordinator and author, *Self-Evaluation of Mathematics Research at the RU*
- 2011–2018: Chair, Program Committee for Mathematics, Radboud University

2012–2015: Head of the Department of Mathematical Physics, Radboud University  
 2012–present: Co-founder and jury member, *Hanneke Janssen Memorial Prize*  
 2013–2018: Member, Programmaraad *Radboud Honours Academy FNWI*  
 2013: Co-author, *Kritische Reflectie Bachelor- en masteropleiding wiskunde*  
 2016–2017: Director of Master’s Program in Mathematics, Radboud University  
 2016–2022: Co-founder and Board Member, Route 2 of the NWA = National Science Agenda (*Building blocks of matter and fundamentals of space and time*)  
 2017–2021: Co-founder and Board Member, *Dutch Institute for Emergent Phenomena*  
 2023: Founder of the *Radboud Center for Natural Philosophy* at Radboud University  
 2023: Founder of the *Cosmos Chapel* at Radboud University (work in progress)

### **Editorships**

International Journal of Geometric Methods in Modern Physics, editor, 2004–present  
 Studies in History and Philosophy of Modern Physics, associate editor, 2006–present  
 Nieuw Archief voor Wiskunde (Dutch Mathematical Journal), associate editor, 2006–2010  
 Annals of Functional Analysis, associate editor, 2011–2017  
 Fundamental Theories in Physics, Springer-Verlag, series editor, 2010–present  
 Mathematical Physics Studies, Springer-Verlag, series editor, 2012–present  
 Foundations of Physics, member of editorial board, 2018–present

### **Fun**

- Dutch Junior Mini-Volleyball champion, 1975
- Premier League (adult) chess, 1980–1983
- Junior chess champion of Amsterdam, 1978, 1980, 1981
- Runner-up in Dutch junior chess championships 1979, 1982, 1983
- No. 22/30 in European junior chess championship, 1983
- Coach of Cambridge University Ladies Volleyball Team, 1991, 1992 (in both of which years Oxford was defeated in the varsity match, which Oxford usually wins)