

## Dr Dirk Schuricht



Date of birth 28 November 1978  
Place of birth Zeulenroda, Germany  
Nationality german  
Marital status married, three children  
Languages German, English, Dutch  
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Center for Extreme Matter and Emergent Phenomena  
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### Scientific Career

11/2018 Universitair hoofddocent (Associate professor)  
Institute for Theoretical Physics  
Utrecht University, The Netherlands

10/2013–10/2018 Universitair docent (Assistant professor)  
Institute for Theoretical Physics  
Utrecht University, The Netherlands

11/2010–9/2013 Emmy-Noether junior group leader  
Institute for Theory of Statistical Physics  
RWTH Aachen University, Germany

10/2008–10/2010 Research assistant (postdoc)  
Institute for Theoretical Physics A  
RWTH Aachen University, Germany

10/2006–9/2008 Leopoldina Research Fellow (postdoc)  
The Rudolf Peierls Centre for Theoretical Physics  
University of Oxford, United Kingdom

5/2006–9/2006 Research assistant (postdoc)  
Center for Functional Nanostructures Karlsruhe, Germany

1/2006 Dr. rer. nat. (equivalent to PhD) in Physics  
University of Karlsruhe, Germany  
Thesis title: *Fractional quantization and Yangian symmetry in  $SU(n)$  spin chains*  
Supervisors: Dr Martin Greiter, Prof Peter Wölfle

5/2003–4/2006 PhD-Fellow of the German Research Foundation (GK 284)  
Institute for Theoretical Condensed Matter Physics  
University of Karlsruhe, Germany

3/2003                      Diploma (comparable to MSc) in Physics  
University of Karlsruhe, Germany  
Thesis title: *The Haldane–Shastry model, its Yangian, and the dynamical spin correlations*  
Supervisors: Dr Martin Greiter, Prof Peter Wölfle

10/1998–3/2003            Study of Physics at the University of Karlsruhe, Germany

### Research interests

Low-dimensional magnetic and electronic systems  
Topological phases, interacting Majorana fermions and parafermions  
Time evolution and quenches in strongly correlated systems  
Transport through quantum dots and nanostructures  
Relaxation processes in quantum dots  
Field theory and renormalisation group methods  
Spin chains and integrable systems

### (Co-)Organised conferences, workshops and schools

16–22/3/2020              Co-Organiser of the PhD School “Statistical physics and theory of condensed matter” of the Dutch Research School of Theoretical Physics (DRSTP), Bovendonk, Hoven (with Laura Fillon and Jasper van Wezel)

25/3–5/4/2019            Co-Organiser of the PhD School “Statistical physics and theory of condensed matter” of the Dutch Research School of Theoretical Physics (DRSTP), Dalfsen (with Edan Lerner)

17–18/1/2017            Co-Organiser of the focus session “Weyl and Dirac fermions in condensed-matter systems” at Physics Veldhoven 2017 (with Lars Fritz)

19–20/1/2016            Co-Organiser of the focus session “Transport beyond electrons” at FOM Veldhoven 2016 (with Rembert Duine)

14–16/12/2015          Co-Organiser of the workshop “NewSpin4” in Utrecht (with Rembert Duine, Lars Fritz, Cristiane Morais Smith and Henk Stoof)

4–6/2/2013              Co-Organiser of the workshop “Spin-orbit and interaction effects in nano-electronics” in Aachen (with Sabine Andergassen, Fabian Hassler and Maarten Wegewijs)

26/8–2/9/2007          Local organiser of the INSTANS summer school in Oxford

## Other professional activities

since 9/2024	Member of the Department Board (Director of Education), Department of Physics and Astronomy, Utrecht University
since 9/2024	Director of the Julius Institute, Department of Physics and Astronomy, Utrecht University
since 1/2024	Associated member of the Centre for Complex Systems Studies, Utrecht University
since 12/2023	Member of the SciPost Editorial College (Physics)
since 12/2023	Member of the Faculty-Library-Committee, Faculty of Science, Utrecht University
1/2021–12/2023	Member of the FWO Review College
9/2020–8/2024	Member of the Exam Committee of the Undergraduate School of the Faculty of Science, Utrecht University
9/2020–8/2024	Chair of the BSc Exam Committee of the Department of Physics and Astronomy, Utrecht University
since 9/2019	Member of search committees at the Department of Physics and Astronomy, Utrecht University
12/2016–6/2018	Head of the Lecturer team BSc condensed-matter courses, Department of Physics and Astronomy, Utrecht University
5/2016–10/2017	Head of a Committee to develop guidelines for the condensed-matter courses at the Department of Physics and Astronomy, Utrecht University
9/2015–8/2024	Member of the Exam Committee of the Department of Physics and Astronomy, Utrecht University
1/2015–8/2020	Local organiser for the Bachelor theses at the ITP
9/2014–12/2017	Member of the Teaching Advisory Committee of the Department of Physics and Astronomy, Utrecht University
since 4/2013	Referee and panel member for several funding agencies
since 6/2008	Referee for the American Physical Society (PRL, RMP, PRB, PRE, PRX), Europhysics Letters, New J. Phys., J. Phys. A: Math. Theor., SciPost, J. Phys.: Condens. Matter, J. Stat. Mech., Nucl. Phys. B, Physica E, JHEP, J. Molecular Physics, J. Math. Phys., MDPI Condens. Matter, Eur. Phys. J. B and Canadian J. Phys.

## Miscellaneous

16/5/2022	Lecturer of the year award (Department of physics)
28/6/2021	Ius promovendi
12/3/2020	Lecturer of the year award (Department of physics)
28/5–18/6/2018	Training for members of exam commissions
19/12/2017	Senior teaching qualification (SKO)
18/5/2017	Lecturer of the year award (Master courses, Department of physics)
8/12/2014	Basic teaching qualification (BKO)
21/11/2011	Training: Organisation of lecture courses
3/11/2011	Training: Conflict management
1/6/2011	Training: Rhetoric
17/6/2010	Training: Time- and Selfmanagement
10/2007–9/2008	Junior Research Fellow, Wolfson College Oxford, United Kingdom
6–7/4/2004	Training: Scientific knowledge—intelligible to layman
8/1997–8/1998	Alternative Civilian Service