

CURRICULUM VITAE

Name	Nikolas “Niki” Popper
Citizenship	Austrian
Date and Place of birth	27.02.1974, Vienna
Languages	German, English, (Spanish)



Coordinator TU Wien, COCOS - “Centre for Computational Complex Systems”, Wiedner Hauptstraße 8-10, 1040 Vienna, Austria, +43 1 58801 10134, nikolas.popper@tuwien.ac.at

CSO dwh GmbH, Neustiftgasse 57-59, 1070 Vienna, Austria, +43 1 526 5 526, niki.popper@dwh.at

Brief CV

Nikolas “Niki” Popper studied Mathematics, Philosophy and Jazz Theory in Vienna, Barcelona, Catalonia (Spain) and Moscow, Idaho (US) and received his ScD (Dr.techn.) at TU Wien. He worked as science editor and journalist and co-founded two successful companies, the production company drahtwarenhandlung for scientific films, data journalism and computer animation and the R&D company dwh GmbH for technical solutions and simulation services, dedicated to develop new and innovative pipelines from the basic idea for a data driven analysis up to a ready for market solution.

Niki Popper published and presented about 150 articles and talks in journals and at international conferences. He initiated, developed and coordinates reviewed funded research projects with a total acquired funding € 4.4 Mio. and coordinated modelling & simulation in about 100 R&D projects. He is coordinator of COCOS “Centre for Computational Complex Systems” at TU Wien as well as chairman of DEXHELPP, the COMET K-Project (*Decision Support for Health Policy and Planning: Methods, Models and Technologies based on Existing Health Care Data*), which is dedicated to the development models and to efficient and safe use of data for decision making in health systems.

His main research interests are theory and applications of modelling & simulation of dynamic and complex systems, especially: comparative modelling & simulation; coupling and comparison of mathematical model approaches; development of new modelling methods; implementation, parametrization, calibration and validation concepts and domain and application integration of simulation models like health system research and modell based HTA (health technology assessment). He co-invented the award winning Master College for Applied Modelling, Simulation and Decision Making at TU Wien, the award winning blended learning courses in basic maths at TU Wien and continuously supervises and co-supervises Master and PhD Thesis in the area of modelling and simulation.

Niki Popper is married and is father of two children.

Appointments

- since 2015 **Coordinator TU Wien Interfaculty Centre “Computational Complex Systems”**
- since 2014 **Chairman COMET K-Project and Association DEXHELPP** (“Decision Support for Health Policy and Planning: Methods, Models and Technologies based on Existing Health Care Data”)
- since 2017 **Associate Researcher UMIT** - Private University for Health Sciences, Medical Informatics and Technology, Public Health, Health Services Research and Health Technology Assessment
- since 2016 **CSO “dwh GmbH”** simulation services & technical solutions
- 2010-2016 **CEO “dwh GmbH”** simulation services & technical solutions, INITS funded
- 2007-2008 **Parental Leave**
- 2004-2014 **CEO Landsiedl, Popper OG** (Science film production “die drahtwarenhandlung”)
- 1999-2003 **ORF Department “Bildung & Zeitgeschehen” (FI2)**, Position: journalist & science editor, director for 3D event recreation

Higher education

- 2009-2015 **PhD “Comparative Modelling & Simulation”** at TU Wien
- 1993-2001 **Studies in Technical Mathematics** at TU Wien, (Diplomstudium technische Mathematik), Univ. of Idaho (US) and Universitat Politècnica de Catalunya (Spain), **Studies in Philosophy** at University Vienna and University of Applied Arts Vienna, **Studies in Jazz Theory and Arrangement** at the Music and Arts University of the City of Vienna.

Memberships

ASIM (Arbeitsgemeinschaft Simulation - Simulation Society of German Speaking Countries), Vice Spokesperson “Methods in Modelling and Simulation”, Vice Spokesperson “Environmental and Geo Sciences, Medicine and Biology”, **EUROSIM** (Federation of European Simulation Societies), Chair of Technical Committee “Data Driven System Simulation”, **SMDM** (Society for Medical Decision Making) Member, **ISPOR** (International Society For Pharmacoeconomics and Outcomes Research), Founding President **ISPOR Austrian Chapter**, Member of the ISPOR Modeling Review Group

Conferences & Reviewing

Special sessions on modelling & simulation, reviewer, member of the programme committee at various international conferences and journals, e.g. GI Jahrestagung – Informatik2016, EUROSIM 2016 - 9th EUROSIM Congress on Modelling and Simulation, ASIM 2016 - 23. Symposium Simulationstechnik, Mathmod 2015, ESMDM 2012, Special Issue Editorial Board SNE “Simulation Notes Europe”-Journal, Reviewer at Winter Simulation Conference, European Journal of Epidemiology, Co-Organizer of MATHMOD (Vienna International Conference on Mathematical Modelling) 2009, 2012, 2015, 2018; Mentor/Expert for AplusB business incubator INITS and LISA Vienna Cluster.