SCIENTIFIC CURRICULUM VITAE

Daniel Grumiller

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Personal Data

Birth:	May 4, 1973, Vienna, Austria	Citizenship: Austrian
Home address:	Haussteinstrasse 1/4/8, A-1020 Vienna, Austria	
Marital status:	Married with Wiltraud Grumiller since 1997, tw	o sons, one daughter

Scientific career

since 2016	Associate Professor at TUW
2015-2017	Visiting Professor at Federal University of ABC, São Paulo, Brazil
2013-2016	Assistant Professor at TUW
January 2011	Habilitation at TUW in "Theoretical Physics"
2009-2013	Junior professor at TUW through START prize
since 2009	Head of research group "Black holes" at ITP, TUW
2008-2009	Marie-Curie Return Fellow at TUW
2007-2009	Scientific Coordinator for European Space Agency (ESA)
2006-2008	Postdoc at Massachusetts Institute of Technology (MIT), Boston, US
2004-2006	Postdoc at University of Leipzig, Germany
2001-2003	Project assistant at TUW

Scientific education

June 2001	Graduation with distinction, degree: PhD, advisor: Wolfgang Kummer
1998-2001	Doctoral studies "Theoretical Physics", TUW
1997-1998	Civil service for Salvation Army
1997	Technical student at CERN, experiment: NA48
March 1997	Graduation with distinction, degree: Diploma-Engineer (like M.Sc.)
1991-1997	Undergraduate studies "Technical Physics", TUW

Selected prizes and fellowships

2013	Science Prize by the City of Vienna, 4,000 €
2009	START prize by Austrian Science Fund (FWF), 1,090,000 ${f \epsilon}$
2006	Marie-Curie Fellowship by European Commission, 260,000 €
2005	Erich Schmid Prize by Austrian Academy of Sciences, 4,000 \in
2004	Erwin-Schrödinger Fellowship by FWF, 60,000 €

Summary of research, publications, student supervision, teaching and funding

Research interests: gauge/gravity duality, black holes, quantum gravity, dark matter >100 publications in peer reviewed international journals >30 invited talks at international conferences Supervision of >10 PhD, >20 master and >30 bachelor students Over 3 million € from individual competitive research grants Founding member of Graduate School <u>"Particles and Interactions"</u> (started 2014)

Selected research grants as principal investigator (past five years)

2021-2025	Generalized SYK/JT correspondence	
	FWF project P 33789, 360,000 €	
2020-2023	Quantum energy conditions in two dimensions	
	FWF project P 32581-N27, 280,000 €	
2018-2021	Soft Heisenberg hair on horizons	
	FWF project P30822 -N27, 380,000 €	
2016-2019	Entanglement entropy and (non-AdS) holography	
	FWF project P28751-N27, 330,000 €	

Selected organization of workshops and conferences

2022	Conference "Strings 2022"
2019	Erwin Schrödinger Institute programme <u>"Higher spins and holography"</u>
2016	Simons Center workshop <u>"Flat holography"</u>
2015	Workshop at Austrian Academy <u>"100 years of curved spacetime"</u>
until 2015	Vienna Central European Seminar on Particle Physics and QFT

Selected functions and memberships (past five years)

- 2013-2019 Participant of COST actions <u>MP1210</u> and <u>MP1405</u>
- 2014-2016 Elected co-director of Young Academy in Austrian Academy of Sciences
- since 2014 Outstanding Referee of American Physical Society (PRD and PRL)
- 2013-2021 Elected member of Young Academy in Austrian Academy of Sciences

Selected outreach activities

2019-2023	Scientific advisor for creation of three silver coins by the Austrian mint, "Milky Way" (2021), "Black Holes" (2022), "Neutron Stars" (2023)
2021	Invited talk at first Pint of Science event in Vienna
2015	Exhibition & public lectures on gravitational waves and general relativity
2010	Invited talk at first TEDxVienna event
since 2006	Popular lectures "Black Holes" at various venues in Leipzig, Boston, Vienna (Kinderuni, University meets public, Colleges, Schools,)