

CURRICULUM VITAE - DANIEL GRUMILLER

Dr. Daniel Grumiller

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Personal Data

<i>Date of Birth</i>	4 th of May 1973 in Vienna, Austria (Nationality: Austrian)
<i>Languages</i>	German (native), English, Spanish
<i>Marital Status</i>	married since 1997, 2 children (born 1997 and 1999)

Scientific Career

European Space Agency (ESA), Advanced Concepts Team, Netherlands
Scientific Coordinator of Ariadna project (ID 07/1301) since 12/2007

ITP, VUT, Austria
Scientific staff member and Marie-Curie fellow since 08/2006

Center for Theoretical Physics (CTP), Massachusetts Institute of Technology (MIT), USA
Post-doc and Marie-Curie fellow from 08/2006 - 07/2008

Institute for Theoretical Physics, University of Leipzig, Germany
Post-doc and Erwin-Schrödinger fellow from 01/2004 - 08/2006

ITP, VUT, Austria
Scientific staff member and PhD fellow 10/1998 - 12/2003

Salztorzentrum, Salvation Army, Austria
Civil service (instead of military service) from 10/1997 - 09/1998

Experiment NA48, CERN, Switzerland & Institute of High Energy Physics, Austria
Technical student (trigger, tagger, clock, software) from 06/1997 - 08/1997

ITP, VUT, Austria
Teaching tutor (Relativity, Thermodynamics, Quantum mechanics, ...) from 10/1993 - 02/1997

Scientific Education

June 2001	Graduation with distinction , thesis: “ <i>Quantum dilaton gravity in 2 dimensions with matter</i> ”, received Victor-Hess prize in 2003, advisor: Wolfgang Kummer, co-advisor: Manfred Faber, degree: Dr. Techn. (PhD) , date: June 20, 2001
1998 - 2001	Postgraduate studies “ <i>Theoretical physics</i> ” at ITP, VUT
1997	CERN Summer Lectures

Selected Ad-Personam Grants and Awards

Ariadna grant by ESA, won in international competition of research projects
“*Non-perturbative effects in gravitationally bound systems*”
Amount: 29.500 €, Date of award: 12/2007, project ID: 07/1301

Marie-Curie Outgoing International Fellowship of the European Commission, post-doc grant
“*Gravity, Chern-Simons extensions and solid-state physics applications*”
Amount: 260.000 €, Date of award: 08/2006, project ID: MC-OIF-021421

Erich-Schmid award by Austrian Academy of Sciences, for excellent contributions to gravity
Amount: 3.700 €, Date of award: 10/2005

Erwin-Schrödinger fellowship of the Austrian Science Foundation (FWF), post-doc grant
“*Nonperturbative aspects of 2d dilaton gravity*”
Amount: 60.000 €, Date of award: 01/2004, project ID: project J-2330-N08

Victor-Hess prize by the Austrian Physical Society, for excellent PhD thesis
Amount: 500 €, Date of award: 10/2003

Summary of Research

36 publications in peer reviewed international journals, 15 proceedings contributions

16 invited talks at international conferences, including prestigious Marcel Grossmann meeting

Research interests: gravitational physics, quantum field theory, cosmology, AdS/CFT

Teaching

since 1999 Supervision of 5 master theses and 1 PhD thesis at VUT and ITP Leipzig

since 2008 Organizer of post-graduate student seminars at VUT

2005 - 2008 Lectures on lower-dimensional gravity in seminars at CTP, MIT and at ITP Leipzig

1996 - 2004 Supervision of numerous student projects on quantum field theory at VUT

1993 - 1997 Teaching tutor at the Institute for Experimental Physics and ITP, VUT

Funding ID [total amount since 1998: more than 500.000 €]

European Commission FP6 project MC-OIF-021421, post-doc at CTP, MIT and ITP, VUT
Amount: 260.000 €, Date of activity: 08/2006 – 07/2009 (still running), Principal Investigator

German Research Foundation project GR-3157/1-1, for research project on black holes
Amount: 100.000 €, Date of activity: 01/2006 – 08/2006, Principal Investigator

Erwin-Schrödinger Institute (ESI) grants, for workshops on 2- and 3-dimensional gravity
Amount: 85.000 €, Dates of activity: 04/2009 (3d) & 09/2003 – 12/2003 (2d), Scientific Organizer

Austrian Science Foundation project J-2330-N08, for research project on dilaton gravity
Amount: 60.000 €, Date of activity: 01/2004 – 12/2005, Principal Investigator

Austrian Science Foundation projects P-14650 and P-12815-TPH, for PhD on 2d gravity
Amount: 43.000 €, Date of Activity: 10/1998 – 12/2003

ESA project Ariadna ID 07/1301, for research project on non-perturbative effects in gravity
Amount: 29.500 €, Date of activity: 10/2007 – 11/2008, Scientific Coordinator

Major Collaborations (selected)

<i>Roman Jackiw</i> [CTP, MIT]	eminent figure in theoretical physics, 5 joint publications
<i>Dimitri Vassilevich</i> [Sao Paulo U.]	expert in 2-dimensional gravity, 9 joint publications
<i>Anton Rebhan</i> [ITP, VUT]	expert in quantum field theory, co-editor
<i>Finn Larsen</i> [Michigan U.]	expert in black holes and AdS/CFT, 1 joint publication
<i>Robert Mann</i> [Perimeter Inst.]	expert in gravity, 1 joint publication
<i>Niklas Johansson</i> [Uppsala U.]	PhD student in theoretical physics, 3 joint publications
<i>Rene Meyer</i> [Max-Planck Inst. Munich]	PhD student in theoretical physics, 3 joint publications

Editorial Duties and Refereeing

since 2007 Editor of “*Fundamental Interactions - A Memorial Volume for Wolfgang Kummer*”

2004 - 2007 Co-editor for December Special Issue of *Int.J.Mod.Phys.D*

since 2001 Referee for CQG, GRG, IJMPA, IJMPD, MPLA, PLA, PLB, PRD, RMP

Supplementary Information

List of all scientific publications with citation information available at the webpage
<http://www-spires.slac.stanford.edu/spires/find/hep/www?rawcmd=FOUND+A+grumiller>

Some memberships: American Physical Soc., Austrian Physical Soc., Editorial Board teilchen.at