

REMIGIUSZ DURKA

Curriculum Vitæ

EDUCATION

Current, from OCT 2007

PHD STUDIES at *Institute of Theoretical Physics*,
University of Wrocław

Supervisor prof. Jerzy Kowalski-Glikman

Research BF theories, supergravity, quantum gravity,
canonical analysis

Division Fundamental Interactions Theory
and Quantum Gravity

OCT 2002 - JUN 2007

MASTER IN THEORETICAL PHYSICS at *Faculty of
Physics and Astronomy*, University of Wrocław

Supervisor prof. Jerzy Kowalski-Glikman

Thesis title: Background independent perturbative gravity

FALL 2006

EXCHANGE SEMESTER (*Socrates Programme*) in:

○ UNIVERSITEIT VAN AMSTERDAM, ○ LEIDEN UNIVERSITY

○ VRIJE UNIVERSITEIT AMSTERDAM, ○ NIKHEF

CONFERENCES

MAR 2010 Open Problems in Quantum Loop Gravity
(Zakopane), Poland

SEP 2009 New Horizons in Gravity
(Copenhagen), Denmark

JUN 2009 The Planck Scale 2009 (co-organizer)
(Wrocław), Poland

MAR 2009 ICTP Triest Spring School 2009
on Superstring Theory and Related Topics, Italy

DEC 2008 Quantum Gravity²
at Jagiellonski University (Cracow), Poland

JAN 2008 Quantum Gravity
at Jagiellonski University (Cracow), Poland

FEB 2006 42rd Karpacz Winter School
of Theoretical Physics "Current Mathematical
Topics in Gravitation and Cosmology", Poland

✿ REMIGIUSZ DURKA
✱ February 24, 1983

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PUBLICATIONS

DEC 2009
 Supergravity as a constrained BF theory
(Phys.R.D,81, arXiv:0912.1095v1 [hep-th])

JAN 2010
 *Hamiltonian analysis of $SO(4,1)$ constrained BF
gravity* (arXiv:1003.2412v1 [gr-qc])

Co-editor of "XXV MAX BORN SYPOSIUM
PROCEEDINGS - The Planck Scale 2009"

ORGANISATION

JUN 2009
Secretary and co-organizer of the "Planck Scale 2009"
conference held in Wrocław

SCHOLARSHIPS

OCT 2003 - JUN 2007
Scholarship of University of Wrocław for very good
results in studies

LANGUAGES

POLISH Mother tongue
ENGLISH Fluent written and spoken
(TOEFL: 104/120)

COMPUTER SKILLS

scientific tools: \LaTeX , Mathematica, Cadabra
graphics: Inkscape, Gimp
other: HTML

INTERESTS AND ACTIVITIES

- solving higher dimensional Rubik puzzles
- reading (science fiction), writing
- graphics, movies, Internet