



DFG Graduate School GRK1147

Theoretical Astrophysics and Particle Physics

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GK1147 Members (April 2011)

Speaker

Prof. Werner Porod

Students representatives

Philipp Baerwald and [Patrick Kilian](#)

Since October 1st 2005 the Institute for Theoretical Physics and Astrophysics at the University of Würzburg has a DFG-funded International Research Training Group entitled "Theoretical Astrophysics and Particle Physics", wherein several grants for PHD studies will be offered.

The established cooperation between the chairs in astronomy, particle physics and computational physics and the section of applied mathematics provides the graduate students with ideal conditions for interdisciplinary studies and research - research that comprises current subjects like dark matter and dark energy, physics of the early-state universe or phenomenology of elementary particles beyond the standard model.

Within the different working groups creative, innovative and even unusual initiatives for the solution of scientific problems shall be encouraged.

Furthermore, the fostering of international competence - by means of extended visits of foreign research facilities and the execution of workshops with international participants - enjoys high priority.

News

03.04.12 - Promotionskolloquium von
Dipl.-Phys. Lisa Edelhäuser am Mi.
25.04. um 12:30 Uhr im
Seminarraum SE 25.00.088 des
Didaktik- und Sprachenzentrums,
Hubland Nord



"Model Independent Spin Determination at Hadron Colliders"

02.04.12 - Promotionskolloquium von
Dipl.-Phys. Matthias Weidinger am
Mo. 16.04. um 10:00 Uhr s.t. im
Seminarraum HS 3



"Variable Emission Aktiver
Galaxienkerne"

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22.10.09 - [Lecture series on Electromagnetism, Charge Quantization and Cohomology](#)

Lecture series by Prof. Paolo Aschieri, Facolta di Scienze M.F.N., Alessandria, Italien: Electromagnetism, Charge Quantization and Cohomology

Topological aspects of field theories are often ignored (usually forlack of time) in the introductory...

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