DESY Theory Workshop 2003 "GUTs & Branes"
September 23 – 26, 2003

INTRODUCTORY LECTURES: Tuesday, 23. Sept. 2003, Auditorium, Building 5

Chair: Jan Louis

09.00 - 10.30	**Paul Langacker** (Philadelphia)	Elements of GUTs
10.30 - 11.00	Break	
11.00 - 12.30	**Tsutomu Yanagida** (Tokyo)	Universe's Baryon from Leptogenesis
12.30 - 14.00	LUNCH	

Chair: Wilfried Buchmüller

14.00 - 15.30	**Fabio Zwirner** (Rome)	Supersymmetry Breaking
15.30 - 16.00	Break	
16.00 - 17.30	**Matthias Gaberdiel** (Zurich)	Orbifolds and Branes

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PLENARY SESSION I: **Wednesday, 24. Sept. 2003, morning, Auditorium, Building 5**

Chair: Jan Louis

09.00 - 09.10	**Albrecht Wagner** (DESY)	Opening
09.10 - 09.50	**Robert Klanner** (DESY)	Recent Particle Results from DESY
09.50 - 10.20	**Kaladi S. Babu** (Oklahoma)	GUT-model Building
10.20 - 10.50	**Graham Ross** (Oxford)	Fermion Masses in GUTs
10.50 - 11.15	Break	
11.15 - 11.45	**John Ellis** (CERN)	Lepton-Flavour Violation
11.45 - 12.15	**Hitoshi Murayama** (Berkeley)	Proton Decay in GUTs
12.15 - 12.45	**Daniel Wyler** (Zurich)	News from the B
12.45 - 14.00	LUNCH	

PLENARY SESSION II: **Wednesday, 24. Sept. 2003, afternoon, Auditorium, Building 5**

Chair: Michael Schmidt

14.00 - 14.30	**Werner Porod** (Zurich)	Testing Susy Unification
14.30 - 15.00	**Albrecht Klemm** (Berlin)	Exact N=1 Superpotentials
15.00 - 15.30	**Angel Uranga** (Madrid)	Aspects of Intersecting Brane Worlds
15.30 - 16.00	Break	
16.00 - 16.30	**Ralph Blumenhagen** (Berlin)	Gauge Coupling Unification in Supersymmetric Intersecting Brane Worlds
16.30 - 17.00	**Costas Bachas** (Paris)	Brane Waves

HEINRICH HERTZ LECTURE: **Wednesday, 24. Sept. 2003: 17.30 hrs** **Auditorium Building 5**

Prof. Dr. Gerard 't Hooft (Utrecht)
Black Holes and Quantum Mechanics

WELCOME BUFFET: **Wednesday, 24. Sept. 2003: 19.00 hrs** **DESY Cafeteria Building 9**

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PLENARY SESSION III: Thursday, 25. Sept. 2003, morning, Auditorium, Building 5

Chair: Fridger Schrempp

09.00 - 09.30	**Arthur Hebecker** (DESY)	Fundamentals of Orbifold GUTs
09.30 - 10.00	**Zurab Tavartkiladze** (Heidelberg)	Phenomenology of Orbifold GUTs
10.00 - 10.30	**Takehiko Asaka** (Lausanne)	SO(10) Orbifold GUTs
10.30 - 11.00	Break	
11.00 - 11.30	**Tony Gherghetta** (Minneapolis)	Gauge Coupling Unification in Extra Dimensions
11.30 - 12.00	**Mariano Quiros** (Barcelona)	Supersymmetry Breaking and Radion Stabilization
12.00 - 12.30	**Stefan Pokorski** (Warsaw)	Deconstruction
12.30 - 14.00	LUNCH	

PARALLEL SESSIONS: Thursday, 25. Sept. 2003, afternoon, Seminar Rooms 2, 3, 4a + 4b

14.00 - 19.00 see separate programme

PLENARY SESSION IV: Friday, 26. Sept. 2003, morning, Auditorium, Building 5

Chair: Manfred Lindner

09.00 - 09.40	**Steen Hannestad** (Copenhagen)	Implications of WMAP
09.40 - 10.10	**Harald Fritzsch** (Munich)	Variation of Couplings
10.10 - 10.40	**Michael Plümacher** (CERN)	Thermal Leptogenesis
10.40 - 11.10	Break	
11.10 - 11.40	**Koichi Hamaguchi** (DESY)	Leptogenesis and Scalar Field Dynamics
11.40 - 12.20	**Georg Raffelt** (Munich)	Neutrinos
12.20 - 12.50	**Fernando Quevedo** (Cambridge)	Brane Cosmology