



Collaborative Research Centre 676

Deutsche
Forschungsgemeinschaft
DFG

Workshop "GUTs in Strings"

DESY, February 3-5
DESY, Building 2a , Sem.Room 2

Programme

February 3

- 14.00-14.30** B. Ovrut (Penn)
"TBA"
- 14.40-15.10** J. Heckman (Harvard)
"Flavor Hierarchy From F-theory GUTs"
- 15.20-15.50** T. Watari (Tokyo)
"Yukawa couplings in F-theory"
- 16.00-16.30** *Coffee Break*
- 16.30-17.00** R. Blumenhagen (München)
"GUTs on Compact Orientifolds"
- 17.10-17.40** I. Antoniadis (CERN)
"Aspects of string phenomenology"
- 17.50-18.20** F. Quevedo (Cambridge)
"non-GUTs in Strings"

19.30 *Dinner*



February 4

9.00-9.30 J. Schmidt (Hamburg)

"GUTs in six dimensions from the heterotic string"

9.40-10.10 M. Wijnholt (Golm)

"Hitchin's equations and phenomenology"

10.20-10.50 *Coffee Break*

10.50-11.20 V. Braun (Dublin)

"Numerical Investigations into Calabi-Yau Compactifications"

11.30-12.00 G. Honecker (Leuven)

"Gauge thresholds for the Z₆' supersymmetric standard model"

12.10-14.30 *Lunch break*

14.30-15.00 M. Trapletti

"Resolution of heterotic Z₆-II orbifolds"

15.10-15.40 A. Lukas (Oxford)

"Heterotic monad bundles, stability and D-terms"

15.50-16.20 M. Ratz (München)

"Local Grand Unification"

16.30-17.00 *Coffee Break*

17.00-17.30 H.-P. Nilles (Bonn)

"From heterotic strings to the MSSM"

17.40-18.10 K. Schmidt-Hoberg (München)

"Small Extra Dimensions and Enhanced Symmetries in Orbifold Compactifications"

February 5

9.00- 9.30 S. Ramos (Hamburg)

"Phenomenological Questions & the Minilandscape"

9.40-10.10 A. Hebecker (Heidelberg)

"D7-Brane Moduli vs. F-Theory Cycles in Elliptically Fibred 3-folds"

10.20-10.50 *Coffee Break*

10.50-11.20 M. Cvetič (Penn)

"D-Instanton Effects in Type II GUT's"

11.30-12.00 B. Schellekens (NIKHEF)

"Orientifold GUTs"