

Werkstattseminar SS 11

Particles, Strings and the Early Universe

– Physics of Extra Dimensions –

- Date:

Tuesday 11.00-12.30, Seminarraum 2

- Organisational Meeting: 5.4.

- Talks:

- 12.4. Kaluza-Klein theories
- 19.4. Randall-Sundrum compactifications
- 26.4. Experimental tests of the gravity sector
  - 3.5. Collider tests of the gauge sector
- 10.5.  $N = 2$  supersymmetry in  $d = 5, 6$
- 17.5. Orbifold GUTs
- 24.5. Casimir energy and radius stabilization
- 31.5. Supergravity in  $d = 10, 11$ 
  - 7.6. Calabi-Yau compactifications
- 21.6. Moduli stabilization
- 28.6. AdS/CFT
  - 5.7. Holography
- 12.7. Holographic composite Higgs

W. Buchmüller

J. Louis

A. Westphal