

# Autumn Blockcourse 2011

GK1504 - Mass, Spectrum, Symmetry

04.10.-07.10.2011

- **Location:** Desy Zeuthen  
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D-15738 Zeuthen  
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- **Basic Lectures:**
  - Detectors:
    - D1: Astro particles (Gernot Maier, Desy Zeuthen)
    - D2: Neutrino Detectors (Valentina Lozza, TU Dresden)
    - D3: ATLAS Tracking System (Ingrid Gregor, DESY Hamburg)
  - Group theory:
    - G1 and G2 (Vladimir Mitev, HU Berlin)
- **Advanced Lectures: (Hold in parallel sessions!):**
  - Detectors:
    - D4: ATLAS Trigger System (Martin zur Nedden, HU Berlin)
    - D5: Calorimeter system (Arno Straessner, TU Dresden)
    - D6-D8: Exercise on Calorimeters, computer based (Arno Straessner, TU Dresden) please bring your own laptop with you!
    - D9: ATLAS Tracker Upgrade (Ingrid Gregor, DESY Hamburg)
  - Group theory:
    - G3 - G8 (Vladimir Mitev, HU Berlin )
- **Common Seminar with DESY (SEM):**  
Prof. Dr. N. Saito: Plans for precision measurements of  $g-2$  in JPARC

- **Timetable:**

	Tuesday, 4.10.	Wednesday, 5.10.	Thursday, 6.10.	Friday, 7.10.
09:00-10:15	G1	D1	D5/G4	D3
10:15-10:45	Break	Break	Break	Break
10:45-12:00	G2	D2	D6/G5	D9/G8
12:00-14:30	Lunch	Lunch	Lunch	Lunch
14:30-15:45	Student talks	D4/G3	SEM	
15:45-16:15	Break	Break	Break	
16:15-17:30	Student talks	Meet Supervisor	D7/G6	
17:30-17:45	Break	Break	Break	
17:45-19:00	Student talks	Meet Supervisor	D8/G7	
19:00-		Dinner		