



Autum Block Course 2011



Block Course October 2011
Graduate School 1504
Mass, Spectra, Symmetry

Martin zur Nedden,
Humboldt-Universität zu Berlin

Content of the Course



- **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

Time Table



	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		

Special Announcements



- coffee will be served for your in the breaks
- please let us know, if you have problems with WLAN
- **WED, 16.15 – 19.00: meetings with supervisors**
 - make appointment with your supervisors
 - good opportunity to meet with the second advisor
- **WED, 16.15 – 17.15: visit of experimental facilities**
 - in two groups, both will visit both facilities
 - PITZ (Photon-Injector-Test-Facility-Zeuthen): Frank Stephan
 - CTA (Cherenkov Telescope Array): Gernot Maier
- **THU, 14.30 – 15.45: special seminar**
 - Prof. Dr. N. Saito:
 - ❖ plans for precision measurements of $g-2$ in JPARC
- **THU: exercises detector physics**
 - topic: calorimeters
 - please bring your laptop with you
- **lunch on WED: please go only AFTER 13.00 to the canteen**
 - to avoid conflicts with an other group

Social Event



- WED, after the meetings with the supervisors:
 - outside dinner at restaurant "Olympia", Seetrasse 65 at Zeuthen
 - you are invited by the graduate school
 - ❖ alcoholics have to be paid by yourself

