Topical Lecture Week

Electromagnetic properties of nuclei:

From few- to many-body systems

Sonia Bacca (Johannes Gutenberg Universität Mainz)

Nov. 21st -24th 2017, S214 | 208 (exception: Tuesday afternoon)

Tuesday (21st)	Wednesday (22nd)	Thursday (23rd)	Friday (24th)
9:30-10:15 Lecture 1 **EM processes**	9:30-10:15 Lecture 5 **Integral Transforms**	9:30-10:15 Lecture 9 **Many-body methods**	9:30-10:15 Lecture 12 **Muonic atoms**
10:15-11:00 Lecture 2 **EM processes**	10:15-11:00 Lecture 6 **Few-body methods**	10:15-11:00 Lecture 6 **Many-body methods**	10:15-11:00 O.J. Hernandez **Muonic Deuterium Results**
11:00–11:30 Coffee break	11:00–11:30 Coffee break	11:00–11:30 Coffee break	11:00–11:30 Coffee break
11:30-12:15 Lecture 3 **Multipole Expansion**	11:30-12:15 Lecture 7 **Few-body methods**	11:30-12:15 Lecture 11 **Many-body methods Applications**	11:30-12:15 R. Pohl **Muonic atoms experiments**
12:15-14:00 Lunch break	12:15-13:30 Lunch break	12:15-13:30 Lunch break	
14:00-14:45 **in S211|207** Lecture 4 **Integral transforms**	13:30-14:15 Lecture 8 **Few-body methods – Applications**	13:30-14:15 C. Lehr **Coulex with RIBs**	
14:45-15:00 Coffee break	14:15-14:30 Coffee break	14:15-14:30 Coffee break	
15:00-15:45 **in S211|207** M. Miorelli **Inversion Methods**		14:30-15:15 P.C. Ries **Nuclear resonance fluorescence**	
		15:15-16:00 J. Simonis **Medium-mass nuclei**	