



# Nuclear Structure from Spectroscopy and Direct Reactions



TECHNISCHE  
UNIVERSITÄT  
DARMSTADT

Alexandre Obertelli (CEA Saclay)

Feb. 22<sup>nd</sup> -24<sup>th</sup> 2017, S211 | 010

Tuesday (21 <sup>st</sup> )	Wednesday (22 <sup>nd</sup> )	Thursday (23 <sup>rd</sup> )	Friday (24 <sup>th</sup> )
9:00-9:45 Lecture 1.1 "Radii and neutron skins"	9:00-9:45 Lecture 2.1 "Nuclear deformation and collective Excitations"	9:00-9:45 Lecture 3.1 "Nuclear shell structure"	9:00-9:45 Lecture 4.1 "Spectroscopic strength Nucleon transfer and knockout Reactions "
9:45-10:00 Coffee break	9:45-10:00 Coffee break	9:45-10:00 Coffee break	9:45-10:00 Coffee break
10:00-10:45 Lecture 1.2 "Radii and neutron skins"	10:00-10:45 Lecture 2.2 "Nuclear deformation and collective Excitations"	10:00-10:45 Lecture 3.2 "Nuclear shell structure"	10:00-10:45 Lecture 4.2 "Spectroscopic strength Nucleon transfer and knockout Reactions "
10:45-11:00 Coffee break	10:45-11:00 Coffee break	10:45-11:00 Coffee break	10:45-11:00 Coffee break
11:00-11:45 Lecture 1.3 "Radii and neutron skins"	11:00-11:45 Lecture 2.3 "Nuclear deformation and collective Excitations"	11:00-11:45 Lecture 3.3 "Nuclear shell structure"	11:00-11:45 Lecture 4.3 "Spectroscopic strength Nucleon transfer and knockout Reactions "
11:45-13:15 Lunch break	11:45-13:15 Lunch break	11:45-13:15 Lunch break	11:45-13:15 Lunch break
13:15-14:00 Lecture 1.4 "Radii and neutron skins"	13:15-14:00 <i>D. Ralet</i> Gamma-ray techniques And AGATA	13:15-14:00 <i>F. Giacoppo</i> Superheavy elements	13:15-14:00 <i>K. Hebeler</i> Non-observability and Reaction-structure interplay
14:00-14:15 Coffee break	14:00-14:15 Coffee break	14:00-14:15 Coffee break	
14:15-15:00 <i>C. Drischler</i> Nuclear EoS from ab-initio Point-of-view	14:15-15:00 <i>D. Ralet</i> Gamma-ray techniques And AGATA	14:15-15:00 <i>F. Giacoppo</i> Superheavy elements	