

## **Group Seminar LS Parodi, WiSe 2018/19**

(Friday, 13.30 pm (s.t.), Lecture Hall, Ground Floor)

1	19.10.	All	general matters, program planning
2	26.10.	Sascha Huck (Siemens)	Novel concept for dynamic intensity-modulated X-ray CT
3	02.11.	No seminar	
4	09.11.	Ying Gao	Self-generated quasi-isolated micro-targets can confine energetic electrons laterally resulting in enhancement of proton energy
5	16.11.	Sebastian Meyer	Ion computed tomography for clinical and pre-clinical scenarios
6	23.11.	Matthias Würll	On the spectrometry of laser-accelerated particle bunches and laser-driven proton radiography
7	30.11.	Carmen Seller Oria	Stopping power and scattering power in proton radiography and tomography: two novel approaches to proton imaging
8	07.12.	Clarissa Kroll	Spatial distortion in MR guidance
9	14.12.	Ronaldo Kalunga & Julie Lascaud	Ultrasound imaging and related technologies
10	21.12.	Katia Parodi (+ NN)	Overview on Chair activities & lab visits (visit of Stella Veloza & students)
11	11.01.	Jannis Dickmann	Accurate noise prediction for fluence modulated pCT
12	18.01.	Juliana Martins & Rangoli Saxena	Phase-space manipulations for MC simulations in photon therapy
13	25.01.	Leonard Doyle	Adaptive optics for ATLAS
14	01.02.	Franz Englbrecht	Radioprotection studies for CALA
15	08.02.		