

13 December 2018, Orsay

## Agenda - OpenGATE Technical Meeting

9:30 – 10:00	Welcome			
10:00 – 12:00  Computing Tools	Verdier	Marc-Antoine	Gate data analysis with Python	France
	Boersma/Sarrut	David's	Discussion about benchmark revamping	Austria/France
	Sarrut	David	Gate activities @ Lyon	France
	MATHIEU	Gilles	OpenDose on EGI	France
	Dupont	Mathieu	Python (and more) output GATE and development of a scripted step analyzer actor in Lua	France
12:00 – 13:30	Lunch			
13:30 – 16:00  Radiation Therapy	Delorme	Rachel	Implementation of very high energy electron grid therapy on PRAE: Monte Carlo study of source definition	France
	Guardiola	Consuelo	Simulations for new approaches in protontherapy and microdosimetry	France
	Pain	Frédéric	Optical and thermal simulations for the design of optodes for minimally invasive optogenetics stimulation	France
	Bert	Julien	Gate activities @ Latim	France
	LESTE	Jérémy	TrueBeam electron modeling	France
	Boersma	David	Independent dose calculation tool based on GateRTion, for clinical use	Austria
	Grevillot	Loïc	Update from MedAustron	Austria
	Ali	Yasmine	Implementation of MKM and NanOx biophysical models into GATE: benchmarking and validation in ion beam therapy	France
	Elia	Allesio	Characterization of the GATE Monte Carlo platform for non-isocentric treatments at MedAustron	Austria
16:00 – 16:30	Coffee Break			
16:30 – 17:45  Imaging	Pietrzyk	Uwe	Satus report of Gate activities, and potential future contributions	Germany
	KAYAL	Gunjan	SPECT modeling for MRTDosimetry	France
	Dupont	Mathieu	Implementation and Experimental Validation of a model of SiPM in GATE	France
	Papadimitroulas	Panagiotis	OpenGATE - Recent activities of Athens group	Greece

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**To conclude with a Lydia's suggestion:**

Nicolas Arbor (IPHC), Loïc Gréillot (MedAustron), David Sarrut (Creatis), Lydia Maigne (LPC)

“Technical discussions for the OpenGATE collaboration (Outcomes of the last G4 User conference in Bordeaux, Cross-validation of examples and benchmarks with the G4 collaboration, Tools for the GATE-community, GATE papers in 2018: what has been published)”