

SWIFT users & developers meeting 2019 - Talks program - Tuesday 26th November

Time	Speaker		Title
<i>Coffee</i>			
11:10 - 11:20	Matthieu Schaller	Leiden Observatory	Welcome
11:20 - 11:40	Alastair Basden	Durham & DiRAC	Forthcoming HPC technologies
11:40 - 12:00	Sylvia Ploeckinger	Leiden Institute of Physics	COLIBRE simulations: cooling + early feedback
12:00 - 12:20	Jacob Kegerreis	Durham	First full simulations of atmospheric erosion
12:20 - 12:40	Loic Hausammann	EPFL	Towards a task-based output strategy and applications to the GEAR simulations
12:40 - 13:00	Florian Cabot	EPFL	Exploring the universe through virtual reality
<i>Lunch</i>			
14:00 - 14:20	James Trayford	Leiden Observatory	COLIBRE simulations: dust model and implementation
14:20 - 14:40	Aidan Chalk	Hartree Centre	Towards a SWIFT version for engineering SPH applications
14:40 - 15:00	Mladen Ivkovic	EPFL	Meshless Methods in Astrophysics
15:00 - 15:20	Bert Vandenbroucke	Ghent	Why Gizmo-MFM could be fundamentally flawed
15:20 - 15:40	Stefan Arridge	Durham	Testing the accuracy of the gravity in the deep potential regime
<i>Coffee break</i>			
16:20 - 16:40	Pedro Gonnet	Google Zurich	SWIFT development: Past and future challenges
16:40 - 17:00	Camilla Correa	Amsterdam	COLIBRE simulations: metal diffusion and r-process enrichment
17:00 - 17:20	Cameron Grove	Durham	Testing the accuracy of gravity for large scale structure simulations
17:20 - 17:40	Stuart McAlpine	Helsinki	SIBELIUS simulations: Gravity accuracy tests
17:40 - 18:00	Josh Borrow	Durham	Actually using SWIFT: analysing your output with swiftsimio
<i>Dinner</i>			