

SKACH Winter Meeting

Thursday, 12 January 2023

Thursday Afternoon: Data Science & Simulations - Room -101 (13:00 - 15:00)

-Conveners: Pablo Llopis Sanmillan

time	[id] title	presenter
13:00	[16] Data Science & Simulations Program Overview	FELIX, Simon
13:05	Q&A;	
13:10	[39] Sky Simulations	REED, Darren SIMSEK, Osman Seckin
13:15	Discussion: Sky Simulations and Science	
13:30	[19] Call to Action: Integrate with Karabo	FELIX, Simon TIMMEL, Vincenzo
13:40	Discussion: Integrating with Karabo	
13:55	[37] GEAR-RT: Towards Exa-Scale Moment Based Radiative Transfer For Cosmological Simulations Using Task-Based Parallelism And Dynamic Subcycling	IVKOVIC, Mladen
14:05	Q&A;	
14:15	[13] Deep learning the mapping between SKA mock observations and hydrodynamical simulations	Dr DENZEL, Philipp
14:25	Q&A;	
14:35	[17] SKA SW/HW Co-design	Mr CORDA, Stefano Mr STUTZ, Manuel
14:50	Q&A;	

Thursday Afternoon: SPH-EXA - Room -101 (15:20 - 16:10)

-Conveners: Ruben Cabezon

time	[id] title	presenter
15:20	[18] Analysis of Load Imbalance in SPH-EXA Simulations	Prof. CIORBA, Florina
15:35	Q&A;	
15:40	[33] Multiphysics/Hydrodynamical Simulations with Attached and Detached Data: Simulation of Nuclear Networks in SPH-EXA	TOUZET, Joseph
15:50	Q&A;	
15:55	[25] Fragmenting galactic disk simulations with SPH-EXA	KUBLI, Noah
16:05	Q&A;	

Thursday Afternoon: Computing Platforms & Infrastructure (SRCs) - Room -101 (16:10 - 17:40)

-Conveners: Victor Holanda

time	[id] title	presenter
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16:10	[20] Computing Platforms and Infrastructure - Program Update	HOLANDA, Victor
16:25	Q&A;	
16:30	[26] SRC Overview and Status	TOLLEY, Emma
16:40	[35] Evaluating existing science platforms for SKA development	SHARMA, Rohit
16:50	[34] The SKA Regional Centre science analysis platform vision	Dr DAS, Arpan
17:00	[29] Updates on Swiss SRC activities from Coral Team	LLOPIS SANMILLAN, Pablo
17:10	[23] Working Group 6: Science User Engagement	AUDARD, Marc
17:20	Discussion: What should SRC development look like in Switzerland	