National Astronomy Meeting (NAM) 2025

Monday 7 July 2025

print('Hello Future'): Developing Next Generation Astronomical Codes (14:15 - 15:45)

time	[id] title	presenter
14:15	[757] Dyablo: A New General-Purpose GPU-Accelerated Hydrodynamical Code for Astrophysics	
14:25	[304] ExoSim 2: a flexible framework for next-generation simulation of astronomical observations	MUGNAI, Lorenzo
14:35	[241] Astronomical Radiative Transfer and Video Games: a Match Made in the Sun	
14:45	[948] Synthesizer: Forward modelling with everything but the kitchen sink	
14:55	[248] Odisseo - Optimized Differentiable Integrator for Stellar Systems Evolution of Orbit	
15:05	[220] jf1uids - differentiable (magneto)hydrodynamics for astrophysics in JAX	
15:15	[1005] Optimizing Response Time in Robotic Telescope Scheduling Using Deep Reinforcement Learning	
15:25	[310] ExaGRyPE: Numerical Relativity Solvers Based upon the Hyperbolic PDEs Solver Engine ExaHyPE	ZHANG, Han
15:35	Flash Poster Presentations	