

Time slot	Monday @ BM.1.26	Tuesday @ BM.1.33	Wednesday @ BM.1.26	Thursday @ BM.1.23	Friday @ BM.1.23
09:00 - 09:20	Registration	Romeel Davé Kiara: Are We there Yet?	William Roper Swift-Zoom: Efficient scalable zoom simulations in SWIFT only a handful of years late	Dinner recovery time	Yannick Bahe Quenched satellites in COLIBRE
09:20 - 09:40		Zhen Xiang KIARA-RT:cosmological radiation hydrodynamics simulations from cosmic dark to cosmic dawn	Katy Proctor Self-interacting dark matter in Swift		Elliot Howatson Galactic Outflows in COLIBRE
09:40 - 10:00		Jacob Kegerreis Big Simulations Making Big Moons	Lily Correa Magnus Towards improving kinetic jet sampling in idealised cluster simulations	Kai Wang Dissecting the scatter of stellar mass-halo mass relation in COLIBRE	Ruby Wright (remote) Outflows, fountains, and COLIBRE
10:00 - 10:20	Matthieu Schaller Welcome + SWIFT status & updates	Harrison Davies Presenting a multiple impact pathway for the origin of the moon	Vince Eke Material strength in SWIFT and the hunt for lunar water ice	William McDonald Probing large-scale structure with X-rays cross-correlations and Swift Lightcones	Oliver Thomson Morphology and kinematics of H2 disks in COLIBRE
10:20 - 10:40		Christopher Lovell Exploring the Swift-EAGLE model in the CAMELS suite	Ella Buxton Simulations of Giant Impacts on Mars	Patricio Colazo In search of light in PBH models — bringing in the baryons	Mathieu Perron-Corbier HI Morphology in COLIBRE & Wallaby
10:40 - 11:00	Coffee break				
11:00 - 11:20	Sarah Johnson GPU offloading gravity in SWIFT	Joop Schaye The COLIBRE suite of simulations	Kyle Oman An adventure in population dynamics with SWIFT	Isabel Santos-Santos Simulations of the Local Universe	Luka & Gerben The dynamical state of the CGM in COLIBRE
11:20 - 11:40	Abouzied Nasar SWIFT on heterogeneous architectures: GPU acceleration of hydrodynamics	Evgenii Chaikin The evolution of stellar mass and star formation rates in the COLIBRE simulations	Anna Durrant COLIBRE with variable stellar initial mass functions	Chris Power Selection of SWIFT results	Andrea Gebek Dust radiative transfer modelling: The fiducial COLIBRE-SKIRT pipeline
11:40 - 12:00	Eric Muires ShadowSWIFT: Status and results	Aaron Ludlow Title TBC	Jonathan Davies A new model for globular cluster formation and evolution in COLIBRE	Wojciech Hellwing Cosmic Web, galaxies, and hydro subgrid models	Nick Andreadis The evolution of COLIBRE dust attenuation curves
12:00 - 12:20	Tristan Boin The interplay between bars/bulges and nuclear-stellar-discs/clusters in Milky Way-like simulations	Cedric Lacey Properties and evolution of AGN in the COLIBRE simulations	Darwin Roduit GEAR-SWIFT: New Ingredients for Next-Generation Galaxy Formation	Owen Jessop Quantifying the Impact of Baryon-CDM Isocurvature Perturbations in the FLAMINGO Simulations	Diego Dado Disequilibrium in Dwarf Discs: This Is Not the Mass You're Looking For
	Group Picture				
12:20 - 14:00	Lunch - Kaiser Lounge (BM 4.23)				Lunch Break - Self-organised
14:00 - 14:20	Orestis Karapiperis SPMHD in SWIFT	Sylvia Ploeckinger Modelling the multi-phase ISM with Hybrid Chimes I: Method and results from isolated galaxies	Matthieu Schaller Data problems: RAM, scratch, disk, distribution	Yuankang Liu From Simulation to Observation: Mock Emission-Line Maps of H II Regions in Non-Equilibrium	COLIBRE extended team discussion
14:20 - 14:40	Nikyta Shchutskiy Magnetic field amplification in SWIFT	Moa Huppenkothen Modelling the multi-phase ISM with Hybrid Chimes II: Results from cosmological volumes	Sven Breuner VAST hardware	Victor Forouhar Galaxy morphologies in COLIBRE	
14:40 - 15:00	Federico Stasyszyn Magnetism footprints on Cosmological Environments	Angel Chandro On the accuracy of dark matter halo merger trees and the consequences for semi-analytic models of galaxy formation	Kyle Oman Data sharing technology	Filip Husko Fast galaxy images using approximate radiative transfer and dust extinction	
15:00 - 15:20	Coffee break				
15:20 - 15:40	Running simulations: IC, SWIFT, HBT-HERONS & SOAP Leads: Victor Forouhar, Will Roper, Rob McGibbon	Interfacing with simulations: SOAP / swiftsimio / swiftgalaxies Lead: Rob McGibbon	John Helly (remote) Multi-PB Data release technology	Andrew Pontzen Pynbody, topsy and tangos: an analysis stack	COLIBRE extended team discussion
15:40 - 16:00			Josh Borrow Data transfer and format compatibility	Forward modelling: Synthesizer Lead: Chris Lovell	
16:00 - 16:20			Alastair Baden Experience with VAST technology		
16:20 - 16:40			Discussion		
16:40 - 17:00					

Drinks Reception @ *De Fusie*

Boat tour (17:45 - 18:45)
Leaves from *Beestenmarkt*

Dinner @ *Café de Vriend* (19:00)

Legend:

Talks: 15 + 5 min

Free time

Social activity

Tutorial

COLIBRE discussion

Special session on data