

Swiss SKA Days 2025

Wednesday, 27 August 2025

Wednesday Morning: Opening Session (Day 3) - SW E11 (Aula) (09:00 - 09:05)

-Conveners: Carolyn Crichton

Wednesday Morning: Astro Science - SW E11 (Aula) (09:05 - 10:35)

-Conveners: Daniel Schaerer

time	[id] title	presenter
09:05	[71] A Spin-Glass Formulation for Solar Magnetic Field Disambiguation	PANOS, Brandon
09:20	[67] Extragalactic survey science in deep SKA multi-frequency continuum observations	Dr SARGENT, Mark
09:35	[64] Stochastic Star Formation and Its Role in Shaping Cosmic Reionization	BIANCO, Michele
09:50	[92] Spectral studies of MERGHERS cluster sources	DICHABA, Keletso
10:05	[86] Gravitational lensing of FRBs: prospects for probing microlens populations in lensing galaxies	SAHA, Prasenjit
10:20	[70] The Science Data Challenge 3b (Inference) results	PIRAS, Davide DE SANTIS, Massimo

Wednesday Morning: Data Science & Simulations - SW E11 (Aula) (11:05 - 12:20)

-Conveners: Darren Reed

time	[id] title	presenter
11:05	[68] Fast Simulation of Cosmological Neutral Hydrogen based on the Halo Model	HITZ, Pascal
11:20	[76] Investigating the Birth of Galactic Discs in the PHOEBOS Simulation	SWINGLER, Daniel
11:35	[85] Connecting galaxy theory and observables using generative deep learning	Dr DENZEL, Philipp
11:50	[89] Advancing cosmological simulations of fuzzy dark matter (FDM) with physics informed neural networks (PINNs) and generative modeling	MISHRA, Ashutosh Kumar
12:05	[88] Tidal Disruption Events with SPH-EXA	KUBLI, Noah