

Swiss SKA Days 2022

Monday, 3 October 2022

Monday Afternoon: AstroScience (parallel) - Aula Polivalente (14:00 - 16:00)

-Conveners: Marta Spinelli

time	[id] title	presenter
14:00	[119] 21cm Intensity Mapping: opportunities and challenges on the road to the SKA Observatory	SPINELLI, Marta
14:10	[109] Research on Solar Magnetism at IRSOL	RAMELLI, Renzo
14:20	[120] Simulated Intensity Mapping Survey via Interferometry for SKA and its Precursors	A. SAFARI, Sara
14:28	[106] Unravelling the properties of the first supermassive black holes using the SKA Pulsar Timing Array	PADMANABHAN, Hamsa
14:38	[133] Microlensing detection of a binary black hole within reach of the Pulsar Timing Array	Prof. COURBIN, Frederic
14:48	[86] Star formation with the SKA Observatory	AUDARD, Marc
14:58	[95] Modeling the FIR-radio correlation in star-forming galaxies across cosmic history	SCHOBBER, Jennifer
15:08	[91] Radio Continuum Observations of Compact Emission Line Galaxies and Sources of Cosmic Reionization	BAIT, Omkar
15:16	[82] The HI discs of galaxies as tracers of the baryonic physics of galaxy evolution	GENSIOR, Jindra
15:24	[81] Proto-Globular Clusters Properties at the dawn of galaxy formation	VAN DONKELAAR, Floor
15:32	[110] Phoebos Simulations into the Cosmic Dawn	REED, Darren
15:40	[101] High-resolution simulations of subsonic Turbulence using SPH-EXA	Mr SANZ, Axel
15:48	[90] Modeling HI at the field level	OBULJEN, Andrej

Monday Afternoon: Industry (parallel) - Foyer (14:00 - 16:00)

-Conveners: Michel Hübner

time	[id] title	presenter
14:00	[121] Industry Session	HÜBNER, Michel
14:05	[93] Cosylab Switzerland and SKA	NOVAK, Ivana
14:15	[78] LNAs in RadioAstronomy	Dr MARTI, Diego
14:25	[127] Orolia and T4Science Resilient PNT Clock Reference solutions	FROIDEVAUX, Sylvère
14:35	[107] Software Technology for Data Handling & Exploitation	ETESI, Laszlo Istvan
14:45	[124] Ultrafast lasers for the next-generation of photonics timing & frequency distribution	EMAURY, Florian
14:55	[125] SKACH instrumentation program: system architecture phase of Mid-band 6 receiver	BOVEY, Dominique
15:10	[117] Update on activities for the protection of Dark and Quiet skies	DI VRUNO, Federico

15:20	[134] SKAO HPC Co-Design Opportunities	DEEGAN, Miles
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Monday Afternoon: Introduction to CSCS Tours - Aula Polivalente (16:15 - 16:35)

time	[id] title	presenter
16:15	[131] Tour of CSCS	DE LORENZI, Michele

Monday Afternoon: Departure to CSCS (16:35 - 16:45)

Monday Afternoon: Visit of CSCS (16:45 - 17:45)

Monday Afternoon: Individual return to city center (17:45 - 19:00)