

Day 1 (Wednesday)

10:00 - 11:00 — Welcome Coffee

Chair: Y. Dubois

11:00 - 11:15 — J. Blaizot - RAMSES SNO

11:15 - 11:30 — P. Ocvirk - RAMSES slurm database

11:30 - 11:45 — S. Han - Ramses-yOMP

11:45 - 12:00 — B. Commerçon - SPACE (zoom)

12:00 - 12:15 — T. Colman - SPACE: RAMSES on the road to exascale

12:15 - 12:30 — N. Brucy - Star formation and turbulence

12:30 - 14:00 — Lunch Break

Chair: M. Trebitsch

14:00 - 14:15 — A. Ali Ahmad - Torturing RAMSES with second collapse calculations

14:15 - 14:30 — P. Boldrini - Simulating Globular Clusters and Stellar Streams in a Cosmological Context

14:30 - 14:45 — N. Chieh Lin - Effect of propagation of cosmic rays in young protostellar systems

14:45 - 15:00 — C. Gouin - Baryonic Impact in Simulations: From Cosmic Web to Clusters

15:00 - 15:15 — T. Lebeau - Turbulence from cosmic filaments to galaxy clusters

15:15 - 15:30 — Y. Rasera - e-MANTIS: a RAMSES-based emulator of the matter power spectrum and halo mass function in $f(R)$ and w CDM cosmologies

15:30 - 16:15 — Coffee Break

Chair: J. Rosdahl

16:15 - 16:30 — A. Parichha - Dark matter halo profiles

16:30 - 16:45 — E. Ayçoberry - Impact of a w CDM cosmology on the tSZ power spectrum

16:45 - 17:00 — N. Brucy - Website and SNO stuff

17:00 - 18:00 — Discussion

19:00 — Conference Dinner at Polidor (arrive at the latest at 19:15)

Day 2 (Thursday)

Chair : J. Blaizot

09:30 - 09:45 — C. Stahl - Primordial non-gaussianities and structure formation

09:45 - 10:00 — J. Rosdahl - Cosmic ray and radiative feedback

10:00 - 10:15 — N. S. Diallo - Feedback in galaxies: the role of cosmic rays

10:15 - 10:30 — A.-L. Melchior - Nearby galaxies: collisions with gas, feedback, magnetic fields

10:30 - 11:10 — Coffee Break

Chair: P. Ocvirk

11:10 - 11:25 — K. Li - Tracking on-the-fly massive black hole binary evolution and coalescence in galaxy simulations: RAMCOAL

11:25 - 11:40 — J. Lewis - Quenching early massive galaxies in zooms

11:40 - 11:55 — G. Verrier - Dust dynamics during the protostellar collapse

11:55 - 12:10 — U. Lebreuilly - They grow! Coupling RAMSES with the dust coagulation code COALA

12:10 - 12:25 — Y. Dubois - Galaxies with grains

12:25 - 12:40 — M. Trebitsch - Modeling dust assembly in early galaxies

12:40 - 14:00 — Lunch Break

Chair: U. Lebreuilly

14:00 - 14:15 — L. Michel-Dansac - RASCAS: Radiative transfer post-processing for RAMSES

14:15 - 14:30 — M. Palanque - New radiative transfer methods in galaxy formation simulations

14:30 - 14:45 — M. Gonzalez - Protostellar disc formation

14:45 - 16:00 — Discussion