

CEMP Stars as Probes of First-Star Nucleosynthesis, the IMF, and Galactic Assembly

Tuesday 10 September 2019

THEORETICAL APPROACH TO CEMP STARS, FIRST STARS, AND FIRST GALAXIES: 1 (Chair: Sylvia Ekström)

(16:20 - 17:50)

time	[id] title	presenter
16:20	[77] The First Stars: Our Emerging Theoretical Framework	Prof. BROMM, Volker
16:50	[37] Fragmentation Condition in a Primordial Accretion Disk	Ms LIAO, Wei-Ting
17:10	[56] Thermodynamics of H ₂ in the context of the First Stars	SHARDA, Piyush
17:30	[27] Surviving Pristine Stars and the Implications of their Non-detection Paper Number	MAGG, Mattis

Wednesday 11 September 2019

THEORETICAL APPROACH TO CEMP STARS, FIRST STARS, AND FIRST GALAXIES: 2 (Chair: David Yong)

(09:00 - 10:30)

time	[id] title	presenter
09:00	[73] The variety of CEMP-no abundances: back-and-forth mixing between H- and He-burning	Prof. MAEDER, André
09:30	[25] Probing the rotation of early massive stars from the abundances of metal-poor stars	CHOPLIN, Arthur
09:50	[69] Mechanical mass loss in very metal poor massive stars	Mr MARTINET, Sébastien
10:10	[43] An Alternative Progenitor Scenario for the Most Iron-poor CEMP-no Stars.	CLARKSON, Ondrea

THEORETICAL APPROACH TO CEMP STARS, FIRST STARS, AND FIRST GALAXIES: 3 (Chair: Raphael Hirschi)

(11:00 - 12:40)

time	[id] title	presenter
11:00	[49] The origin of CEMP-i stars - Results from a comprehensive multi-method simulations approach	HERWIG, Falk
11:20	[48] A new grid of Geneva stellar evolution models for Population-III stars	MURPHY, Laura
11:40	[31] Low-mass primordial stars: i-process nucleosynthesis during core-flash proton ingestion episodes?	Dr CAMPBELL, Simon
12:00	[52] Observational Evidence for Aspherical Jet-Like Population III Supernova Explosion	EZZEDDINE, Rana
12:20	[57] CEMP star formation from faint supernova explosions	CHIAKI, Gen

Thursday 12 September 2019

THEORETICAL APPROACH TO CEMP STARS, FIRST STARS, AND FIRST GALAXIES: 4 (Chair: André Maeder)

(09:00 - 10:30)

time	[id] title	presenter
09:00	[42] Simulating and Observing the First Galaxies	Prof. WISE, John
09:30	[91] Building-up Pop III IMF in the Milky Way-like galaxies	Dr HIRANO, Shingo
10:00	[82] First star mass distribution: empirical constraints	Prof. STEFANIA, Salvadori

THEORETICAL APPROACH TO CEMP STARS, FIRST STARS, AND FIRST GALAXIES: 5 (Chair: Georges Meynet)

(11:00 - 12:20)

time	[id] title	presenter
11:00	[81] Connecting the first galaxies with ultra faint dwarfs in the Local Group	Prof. MYOUNGWON, Jeon
11:30	[86] Exploring the stellar ionising continuum of galaxies in the context of cosmic reionisation	Prof. VERHAMME, Anne
12:00	[24] CEMP stars: their origin and connection with stars that reionized the Universe	Dr SHARMA, Mahavir