

Session Program

9-13 Sept 2019



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

FUTURE PERSPECTIVES, CHEMICAL EVOLUTION, LARGE SURVEYS

University of Geneva A100 Sciences II, A100 Sciences II, 30 quai Ernest Ansermet, 1205 Geneva
30, quai Ernest Ansermet 1205 Geneva

Thursday 12 September

14:00

FUTURE PERSPECTIVES, CHEMICAL EVOLUTION, LARGE SURVEYS: 1 (Chair: Shingo Hirano)

Session | Location:

14:00-14:30 **Multi-dimensional modelling of stellar interiors**

Speaker

Prof. Raphael Hirschi

Location

14:30-15:00 **Asteroseismology and transport processes in stellar interiors**

Speaker

Dr Patrick Eggenberger

Location

15:00-15:20 **Asteroseismology and high-resolution spectroscopy of halo stars**

Speaker

Tadafumi Matsuno

Location

15:20-15:40

New light on the Sun: Updates on helioseismology and the Solar modelling problem

Speaker

Gaël Buldgen

Location

15:40

16:10

FUTURE PERSPECTIVES, CHEMICAL EVOLUTION, LARGE SURVEYS: 2 (Chair: John Wise)

Session | Location:

16:10-16:40 **Probing the early Universe with black hole binaries**

Speaker

Tassos Fragos

Location

16:40-17:00 **Life and death of supermassive stars**

Speaker

Dr Lionel Haemmerlé

Location

17:00

Friday 13 September

09:00

FUTURE PERSPECTIVES, CHEMICAL EVOLUTION, LARGE SURVEYS: 3 (Chair: Beatriz Barbuy)

Session | Location:

09:00–09:30 Modeling the first stages of galaxy formation

Speaker

Pascale Jablonka

Location

09:30–09:50

Formation and Evolution of Milky Way Galaxy: Abundance trends of stable and short-lived nuclides

Speaker

Ms Tejpreet Kaur

Location

09:50

10:20

FUTURE PERSPECTIVES, CHEMICAL EVOLUTION, LARGE SURVEYS: 4 (Chair: Nial Tanvir)

Session | Location:

10:20–10:50 The Galactic bulge and old stellar populations

Speaker

Prof. Beatriz Barbuy

Location

10:50–11:20 Extremely metal-poor stars in the next generation large surveys

Speaker

Dr Vanessa Hill

Location

11:20