

January 7-11 2019

ISSI International Team
 “Chemical abundances in the ISM: the litmus
 test of stellar IMF variations in galaxies across
 cosmic times”



| Monday 7 | Tuesday 8 | Wednesday 9 | Thursday 10 | Friday 11 |
|----------|---|---|--|--|
| | 09:30 T. Jerabkova: “The IGIMF theory: an introduction” | 09:30 D. Romano: “Chemical evolution models for SMGs: the effects of new stellar yields” | 09:30 P. Ventura: “Yields from AGB stars: robustness and uncertainties” | 09:30 C. De Masi, F. Matteucci “Is the IMF in ellipticals bottom-heavy?” (SKYPE SESSION) |
| | 10:30 Z. Yan: “The IGIMF theory and its implications on the elliptical galaxy evolution” | 10:30 X. Fu: “Stellar tracks with alpha and helium enhancement” | 10:30 M. Pignatari: “ ¹⁵ N production in massive stars” (SKYPE SESSION) | 10:30 C. De Masi, F. Matteucci “Is the IMF in ellipticals bottom-heavy?” (SKYPE SESSION) |
| | 11:30 COFFEE BREAK | 11:30 COFFEE BREAK | 11:30 COFFEE BREAK | 11:30 COFFEE BREAK |
| | 11:50 Discussion session | 11:50 Discussion session | 11:50 Discussion session | 11:50 Summary and homework |
| | 12:30 LUNCH BREAK | 12:30 LUNCH BREAK | 12:30 LUNCH BREAK | 12:30 END OF MEETING |

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|--|---|--|--|--|
| | 14:00 R. Ivison: <i>"SMGs: an introduction"</i> | 14:00 L. Xie: <i>"Chemical elements in the semi-analytic model"</i> | 14:00 Y. Sun: <i>"Molecular clouds in the extreme outer Galaxy"</i> | |
| 15:00 M. Falanga: <i>"Welcome to ISSI"</i> | 15:00 COFFEE BREAK | 15:00 COFFEE BREAK | 15:00 COFFEE BREAK | |
| 15:20 Z.-Y. Zhang, D. Romano: <i>"Aims and objectives of the team" (to follow: self-introduction of team members)</i> | 15:20 Z.-Y. Zhang: <i>"$^{13}\text{C}/^{18}\text{O}$ ratios in galaxies: old and new observational results"</i> | 15:20 C. Liu: <i>"Binary fraction and mass-ratio distribution of solar-type stars in the Solar Neighbourhood"</i> | 15:20 Z.-Y. Zhang, D. Romano: <i>"Radial gradients of CNO isotopes in the outer Milky Way disc: theory vs observations"</i> | |
| 16:20 P. Kroupa: <i>"Evidence for variation of the stellar initial mass function"</i> | 16:20 Discussion session | 16:20 Discussion session | 16:20 Discussion session | |
| 17:20 End session | 17:20 End session | 17:20 End session | 17:20 End session | |