

Suggestions of papers to be presented

1. Barklem et al. (2011), A&A 530, A94: *On inelastic hydrogen atom collisions in stellar atmospheres*
2. Jönsson et al. (2011), A&A 530, A144: *Sulphur abundances in halo giants from the [SI] line at 1082 nm and the [SI] triplet around 1045 nm.*
Elisabetta, 19 January
3. Andrievsky et al. (2011), A&A 530, A105: *NLTE strontium abundance in a sample of extremely metal-poor stars and the Sr/Ba ratio in the early Galaxy*
4. Osorio et al. (2011), A&A 529, A31: *The influence of electron collisions on non-LTE Li line formation in stellar atmospheres*
5. Karlsson et al. (2011), submitted to Rev. Mod. Phys. (arXiv: 1101.4024): *Pre-galactic metal enrichment – The chemical signatures of the first stars*
6. Ramírez et al. (2010), A&A 521, A33: *A possible signature of terrestrial planet formation in the chemical composition of solar analogs.*
Johannes, 17 November
7. Clark et al. (2011), Science 331, 1040: *The formation and fragmentation of disks around primordial protostars.*
Hans, 27 October
8. Collet et al. (2011), A&A 528, A32: *Three-dimensional surface convection simulations of metal-poor stars.*
9. Spite et al. (2011), A&A 528, A9: *First Stars XIV. Sulfur abundances in extremely metal-poor stars.*
10. Casagrande et al. (2010), A&A 512, A54: *An absolutely calibrated T_{eff} scale from the infrared flux method. Dwarfs and subgiant.*
11. Meléndez et al. (2009), A&A, rejected(?): *Observational evidence for a broken Li Spite plateau and mass-dependent Li depletion.*
12. Ludwig et al. (2009), A&A 502, L1: *Impact of granulation effects on the use of Balmer lines as temperature indicators.*
13. García Pérez et al. (2009), A&A 504, 213: *${}^6\text{Li}/{}^7\text{Li}$ estimates for metal-poor stars.*
14. González Hernández & Bonifacio (2009), A&A 497, 497: *A new implementation of the infrared flux method using the 2MASS catalogue.*
15. Meléndez & Barbuy (2009), A&A 497, 611: *Both accurate and precise g_f -values for Fe II lines.*
16. Önehag et al. (2009), A&A 498, 527: *Calibration of Strömgren uvby-H β photometry for late-type stars—a model atmosphere approach.*
17. Fabbian et al. (2009a), A&A 500, 1143: *The C/O ratio at low metallicity: constraints on early chemical evolution from observations of Galactic halo stars.*
Nikolay, 8 December
18. Fabbian et al. (2009b), A&A 500, 1221: *Neutral oxygen spectral line formation revisited with new collisional data: large departures from LTE at low metallicities.*
19. Bonifacio et al. (2009), A&A 501, 519: *First stars XII. Abundances in extremely metal-poor turnoff stars, and comparison with the giants.*
20. Ryde et al. (2009), A&A 496, 701: *Abundances in bulge stars from high-resolution, near-IR spectra I. The CNO elements observed during the science verification of CRIRES at VLT.*
21. Salvadori & Ferrara (2008), MNRAS, submitted (arXiv:0812.315): *Ultra faint dwarfs: probing early cosmic star formation.*

22. Hosford et al. (2009), A&A 493, 601: *Lithium abundances of halo dwarfs based on excitation temperature.*
23. Yong et al. (2008), ApJ 689, 1031: *Heavy-element abundances in giant stars of the globular clusters M4 and M5.*
24. Bergemann & Gehren (2008), A&A 492, 823: *NLTE abundances of Mn in a sample of metal-poor stars.*
25. Roederer et al. (2008), ApJ 679, 1549: *The Hobby-Eberly telescope chemical abundances in the halo (CASH) project. I. The lithium- s- and r-enhanced metal-poor giant HKII17435–00532.*
Wenyuan, 22 December
26. Beers et al. (2007), AJ 133, 1193: *Near-infrared spectroscopy of carbon-enhanced metal-poor stars. I. A SOAR/OSIRIS pilot study.*
27. Aoki et al. (2008), ApJ 678, 1351: *Carbon-enhanced metal-poor stars. III. Main-sequence turnoff stars from the SDSS SEGUE sample.*
28. Tominaga et al. (2007), ApJ 660, 516: *Supernova nucleosynthesis in Population III 13–50 M_{Sun} stars and abundance patterns of extremely metal-poor stars.*
Jing, 24 November
29. Kirby et al. (2008), ApJ 685, L43: *Uncovering Extremely Metal-Poor Stars in the Milky Way's Ultra-Faint Dwarf Spheroidal Satellite Galaxies.*
30. Lundqvist et al. (2007), A&A 463, 693: *Isotope structure of Sm II as an indicator of r- vs. s-process nucleosynthesis.*
31. Kratz et al. (2007), ApJ 662, 39: *Explorations of the r-processes: comparisons between calculations and observations of low-metallicity stars.*
32. Lai et al. (2007), ApJ 667, 1185: *carbon and strontium abundances of metal-poor stars.*
33. Lai et al. (2008), ApJ 681, 1524: *Detailed abundances for 28 metal-poor stars: stellar relics in the Milky Way.*
34. Lawler et al. (2008), ApJS 178, 71: *Improved laboratory transition probabilities for Er II and application to the erbium abundances of the Sun and five r-process-rich, metal-poor stars.*
35. Karlsson et al. (2008), ApJ 679, 6: *Uncovering the chemical signature of the first stars in the Universe.*
36. Pettini et al. (2008), MNRAS 385, 2011: *C, N, O abundances in the most metal-poor damped Lyman alpha systems.*
Andreas, 2 February
37. Qian & Wasserburg (2007), Physics Reports 442, 237: *Where, oh where has the r-process gone?*
Hoda, 15 December
38. Melendez & Cohen (2007), ApJ 659, L25: *Magnesium isotopes in metal-poor dwarfs: the rise of AGB stars and the formation timescale of the Galactic halo.*
39. Gehren et al. (2006), A&A 451, 1065: *Na, Mg and Al abundances as a population discriminant for nearby metal-poor stars.*

Suggestions for additional papers are welcome, but need to be discussed beforehand with the organizer of the course.