



Programme

Tuesday 5 May 2015

08:45-09:10 *Registration*
09:10-09:20 Ronny Blomme *Welcome*

Session 1: Gaia and GES

Chair: J. Vink

09:20-09:50 **Sofia Randich** **Status of the Gaia-ESO Survey**
09:50-10:10 Ronny Blomme *GES-WG13: OBA star spectrum analyses*
10:10-10:40 **Jesús Maíz Apellániz** **Observational planning and spectral classification**

10:40-11:15 *Coffee break*
11:15-11:35 Joachim Bestenlehner *Automated spectra analysis for a large sample of stars*
11:35-11:55 Andrew Tkachenko *Grid Search in Stellar Parameters (GSSP) code: a state-of-the-art software for the analysis of high-resolution stellar spectra*

Session 2: Spectral analysis of massive stars

11:55-12:25 **Alex Lobel** **Spectral analysis of A-type stars in the GES**
12:25-12:45 Richard Monier *The A stars abundance patterns in open clusters and constraints on current evolutionary models*
12:45-13:05 Marwan Gebran *Fundamental parameters and chemical abundances of B and A stars in open clusters*

13:05-14:30 *Lunch*

Chair: S. Randich

14:30-15:00 **Thierry Morel** **Spectral analysis of B-type stars in the GES**
15:00-15:20 Martin Netopil *The evolution of chemically peculiar stars*
15:20-15:40 Hugo Taberner *Stellar Parameters of red giants: a new flavour of the StePar code*
15:40-16:00 Javier Alonso *Spectroscopic study of NGC6067*
16:00-16:35 *Coffee break*
16:35-17:05 **Maria Fernanda Nieva** **Spectrum analysis for early B-type stars: stellar parameters and abundances**
17:05-17:25 Nancy Evans *Companions and Clusters: X-ray Certified*
17:25-17:45 Maria Messineo *Evolved massive stars in W33 and in GMC 23.3-0.3*
17:45-18:05 Alex de Koter *Rotation & rotational mixing in massive stars*



Programme

Wednesday 6 May 2015

Chair: A. Lobel

Session 2: Spectral analysis of massive stars (continued)

- 09:00-09:30 **Artemio Herrero** *Spectral analysis of O-type stars in the GES*
09:30-09:50 Laurent Mahy *O and early B stars in the GES analysed by CMFGEN*
09:50-10:10 Sergio Simón-Díaz *The IACOB project: a new era in the study of Galactic massive stars*
10:10-10:30 Selma de Mink *Mergers hiding in the ESO-Gaia Survey*
10:30-11:05 *Coffee break*
11:05-11:35 **Danny Lennon** *Tarantula Surveys with VLT-Flames, Hubble and Gaia*
11:35-11:55 Andreas Sander *Modeling the spectra of Wolf-Rayet and other hot massive stars*
11:55-12:15 Jorick Vink *Mass-loss rates of massive stars with GES*
12:15-13:05 Discussion (led by R. Blomme)
13:05-14:30 *Lunch*
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Chair: S. Van Eck

Session 3: Massive star evolution

- 14:30-15:00 **Sylvia Ekström** *Stellar evolution of massive stars*
15:00-15:20 Morgan Deal *Instabilities induced by element accumulation inside A and B stars: their internal structure and evolution revisited*
15:20-15:40 Jose Groh *Effects of mass loss on the evolution and death of massive stars*
15:40-16:00 Ilka Petermann *On the evolution and remnants of massive single and binary stars*
16:00-16:20 Jing Tang *New PARSEC evolutionary tracks of massive stars at low metallicity: testing canonical stellar evolution in nearby star-forming dwarf galaxies*
16:20-16:55 *Coffee break*
19:45 *Social dinner*



Programme

Thursday 7 May 2015

Chair: A. de Koter

Session 4: Massive stars in the cluster and galactic context

- 09:00-09:30 **Nate Bastian** *Massive stars in the cluster context*
- 09:30-09:50 Guo Difeng *The Sco-Cen OB association*
- 09:50-10:10 Cyril Georgy *Modelling massive stars populations*
- 10:10-10:30 Seungkyung Oh *The dynamical ejections of O stars from young star clusters: the origin of field O stars*
- 10:30-11:05 *Coffee break*
- 11:05-11:35 **Simone Daflon** *Galactic abundance gradient*
- 11:35-11:55 Richard Parker *Using massive stars as probes of star formation*
- 11:55-12:15 Susanne Pfalzner *How the cluster environment influences the formation of massive stars*
- 12:15-12:35 Michael Mohr-Smith *New OB star candidates in the Carina Arm around Westerlund 2 from VPHAS+*
- 12:35-14:30 *Lunch*
- 14:30-15:00 **Hugues Sana** *Binariness in clusters*
- 15:00-15:20 Dany Vanbeveren *The evolution of massive close binaries: the effect on overall massive star population synthesis*
- 15:20-15:40 Kresimir Pavlovski *Quantitative spectroscopy of stars in close binary systems*
- 15:40-16:30 Discussion (led by J. Vink)
- 16:30 *End of workshop & Coffee*