

ANNUAL MEETING OF THE ASTRONOMISCHE GESELLSCHAFT 2014
Program of the Splinter Session D: The Life and Death of Hot Stars

Last update: September 19, 2014

Each talk: 15min + 3min discussion

Each poster: 3min

Markushaus M3N/02.32

Session 1

Thursday, Sept. 25., 14:00 – *Chair: Marcelo Miller Bertolami*

<i>Winds and Hydrodynamics</i>		
14:00 - 14:18	The winds of hot stars	Hamann, Wolf-Rainer
14:18 - 14:36	Hydrodynamic modelling of massive star atmospheres	Sander, Andreas
14:36 - 14:54	Self-consistent studies of line-driven hot-star winds with Monte Carlo radiation hydrodynamics	Noebauer, Ulrich
<i>Luminous Blue Variables and Wolf-Rayet stars</i>		
14:54 - 15:12	The LBV nebula of He 3-519 – smooth and spherical?	Weis, Kerstin
15:12 - 15:30	Eta Carinae in 3D	Kleemann, Björn

Session 2

Thursday, Sept. 25., 16:00 – *Chair: Helge Todt*

16:00 - 16:18	Magellanic Clouds Massive Stars and Feedback Survey Spotlight on variables	Becker, Alexander
16:18 - 16:36	WN stars in the Magellanic Clouds	Hainich, Rainer
<i>Massive Stars I</i>		
16:36 - 16:54	Fate and compact remnants of massive single and binary stars	Petermann, Ilka
16:54 - 16:57	Spectral classification of young OB stars	Pannicke, Anna
16:57 - 17:15	Impact of different Balmer line Stark broadening theories on the spectroscopic parameter determination in early-type stars	Irrgang, Andreas
17:15 - 17:33	HD 271791: nucleosynthesis in a core collapse supernova	Schaffenroth, Veronika
17:33 - 17:51	SXP 1062: A slowly rotating pulsar of the SMC	Gonzalez-Galan, Ana

Session 3

Friday, Sept. 26., 14:00 – *Chair: Kerstin Weis*

<i>Massive Stars II</i>		
14:00 - 14:18	The Evolutionary Status of Galactic BA-type Super-giants	Przybilla, Norbert
<i>Runaways and Hypervelocity Stars</i>		
14:18 - 14:36	Discovery of an OB Runaway Star inside SNR S147	Dincel, Baha
14:36 - 14:54	Nature and Origin of Hypervelocity Stars	Ziegerer, Eva
14:54 - 14:57	The runaway B-star pair HIP 29678 and HIP 22061	Heuser, Christian
14:57 - 15:00	Runaway stars in supernova remnants G320.4-1.2 and G315.4-2.3	Pannicke, Anna
15:00 - 15:03	Hypervelocity Candidates of G and K type: Classification of Palladino et al. sample revised	Volkert, Marco
<i>Hot Stars in Binaries</i>		
15:03 - 15:21	Spectral decomposition of hot subdwarf binaries	Kreuzer, Simon
15:21 - 15:24	A new HW Virginis system consisting of a pulsating sdB and a possible brown dwarf companion	Schaffenroth, Veronika
15:24 - 15:27	The mysterious sdO X-ray binary BD+37 442	Schneider, David

Session 4

Friday, Sept. 26., 16:00 – *Chair: Stephan Geier*

16:00 - 16:18	HD 188112, a He-core white dwarf in a binary system, pre-SN Ia candidate?	Latour, Marilyn
16:18 - 16:36	A new HW Vir Binary from the Palomar Transient Factory	Schindewolf, Markus
16:36 - 16:54	A comprehensive X-ray, light curve, and non-LTE wind analysis of the massive multiple system delta Ori A	Shenar, Tomer
<i>Evolved Low-Mass Stars</i>		
16:54 - 16:57	Abundance profiles of Blue Horizontal Branch stars	Nemeth, Peter
16:57 - 17:15	Post-AGB evolution of low- and intermediate-mass stars – Preliminary Results	Miller Bertolami, Marcelo Miguel
17:15 - 17:33	The enigmatic hot subdwarf B pulsator LS IV-14 116	Randall, Suzanna K.
17:33 - 17:51	Hot H-deficient (pre-) White Dwarfs	Reindl, Nicole
17:51	Discussion: Future Perspectives of Hot-Star Research	

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