

VEGA 2019

international spectroscopy symposium for amateurs

May 30 - June 1

This conference will take place in a unique facility, a double observatory built in 2018 near the city of Salzburg, Austria.

It is dedicated primarily to amateurs interested in astronomical spectroscopy.

It offers many highly interesting presentations by professional and amateur astronomers, as well as workshops in astrospectroscopy and astrophysics.

Thursday May 30, 2019

- 10:00 H. Pühringer & M. Schwarz: Conference opening
- 10:15 H. Pühringer: School projects & future of VEGA spectroscopy
- 11:00 Prof. Dr. Ph. Bennett (Dalhousie University, Halifax, NS, Canada): Two Decades of Observations of the Eclipsing Red Supergiant Binary VV Cephei
- 14:00 M. Schwarz: Workshop (I) - Reduction and calibration of spectra
- 15:00 Th. Bauer: Spectrophotometry of Gaseous Nebulae
- 16:00 Prof. Dr. Ph. Bennett: The Enigmatic Yellow Supergiant Binary epsilon Aurigae

Friday May 31, 2019

- 10:00 Prof. Dr. A. Miroshnichenko (University of North Carolina/Greensboro): Long-term spectral variations of selected bright Be stars and binarity
- 11:00 Dr. R. Hanuschik (ESO): Present and future of spectroscopy at ESO
- 14:00 S. Hold & Th. Kremser: DIY of an Echelle spectrograph
- 15:00 Prof. Dr. A. Ulrich (Technical University Munich): The center-to-edge variation of the sun spectrally resolved
- 16:00 Prof. Dr. A. Miroshnichenko: The nature and evolutionary state of dust-making objects with the B[e] phenomenon

Saturday June 1, 2019

- 10:00 E. Pollmann: The precession of Pleiones disk
- 11:00 Prof. Dr. G. Handler (Nicolaus Copernicus Center Warsaw): The interiors of massive stars as seen with the space missions BRITE & TESS
- 14:00 E. M. Sblewski: Workshop (II) - Reduction and calibration of spectra
- 15:00 F. Cochard: The most interesting spectroscopic instrumentations in amateur spectroscopy
- 16:00 E. Pollmann: H α profile observations of the Be star ζ Tauri

After each talk and workshop there will be enough time for questions and discussions!

Night visits of the observatory are possible. Participants' own instruments may be used in the facility.

Conference language: English

Conference fee for all 3 days including lunch: € 210,-

Registration: via email to Manfred Schwarz ms@astrophoto.at (limited to 150 participants).

Latest date for registration: May 19, 2019

We can recommend different hotels near the observatory. Please ask!

Location of the VEGA observatory: Haunsberg bei Anthering, Salzburg, Austria

Conference information: www.astrophoto.at/VEGA

Conference organisation: BAA Austria - www.alrukaba.at

Responsibility: Manfred Schwarz, Herbert Pühringer, Ernst Pollmann

Credit: Thanks to the „Haus der Natur“ for this great location!