

## **Sino-German and Sino-Austrian Workshop Dali**

**September 4-6, 2019, Dali, China**

**“中德丝绸之路天体物理国际研讨会”**

### **Agenda**

#### **Wednesday, Sep. 4, 2019**

**08:00-19:30 Registration (Landscape Hotel, Chinese name: Lanlinge Hotel)**

**14:30-19:00 Free discussion on scientific collaborations**

**12:00-13:30 Lunch**

**19:00-20:30 Welcome Supper**

#### **Thursday, Sep. 5, 2019**

##### **Introduction and welcome**

**09:00-09:10 Zhongmu Li (Dali University): Welcome & Announcement**

**09:10-09:20 Leader of Dali University : Welcome**

**09:20-09:30 Rainer Spurzem (Heidelberg University, NAOC/KIAA): Welcome & Introduction**

**09:30-10:10 1<sup>st</sup> meeting photo (in the lobby) and coffee break (4<sup>th</sup> floor)**

##### **Oral talks, Chair: Zhongmu Li**

**10:10-10:40 Rainer Spurzem (NAOC/KIAA, Beijing/Heidelberg): Next DRAGON (million-body) simulations and current questions for stellar evolution and other problems**

**10:40-11:05 Xiuming Xu (XJTLU): dynamical evolution of supermassive black hole in globular cluster and galactic centers**

**11:05-11:30 Shuo Li (NAOC): SMBHs and stellar objects in galaxy mergers**

**11:30-11:55**      **Shiyan Zhong (YNAO): The orbital eccentricity and penetration factor of the tidally disrupted stars**

**12:00-14:00**      **Lunch**

**Oral talks, Chair: Rainer Spurzem**

**14:00-14:30**      **Zhongmu Li (Dali U): Stellar Population synthesis studies with ASPS**

**14:30-14:55**      **Yohai Meiron (University of Toronto): Anisotropic mass segregation in rotating globular clusters**

**14:55-15:20**      **Qi Shu (Peking U): Dynamical evolution of free-floating objects in the star cluster**

**15:20-15:50**      **Coffee break**

**Oral talks, Chair: Gerhard Hensler**

**15:50-16:15**      **Francesco Maria Flammini Dotti (XJTLU): Planetary systems in a star cluster: the Solar system case**

**16:15-16:40**      **Xinping Zhou (YNAO/Dali U): The influence of binary evolution in ultraviolet-optical spectral fitting of early-type galaxies**

**16:40-17:05**      **Bhusan Kayastha (UCAS/NAOC): Dynamic Evolution of Globular Clusters with White Dwarfs, Neutron Stars and Black Holes Using the GPU Supercomputer**

**17:05-17:30**      **Francesco Rizzuto (MPA Garching): the Formation of Massive Black Holes in Dense Star Clusters**

**17:35-19:30**      **Dinner**

**19:30-21:00**      **Free Discussion (if requested)**

**Friday, Sep. 6, 2019**

**Oral talks, Chair: Rainer Spurzem**

- 09:00-09:30**      **Gerhard Hensler (University of Vienna): Star cluster formation in galaxies suffering ram-pressure stripping**
- 09:30-09:55**      **Matthias Kuehtreiber (University of Vienna): Star Formation in Dwarf Galaxy Evolution Models**
- 09:55-10:20**      **Mohammad Mardini (NAOC): Chemodynamical Analysis of Six Low-Metallicity Stars in the Halo System of the Milky Way**

**10:20-10:40**      **Coffee break**

**Oral talks, Chair: Zhongmu Li**

- 10:40-11:05**      **Yanhui Chen (Chuxiong Normal U): Asteroseismology of the DOV star PG 1159-035**
- 11:05-11:30**      **Chichun Zhou (Dali University): The application of the deep learning method in astrophysics**
- 11:30-11:50**      **Poster Presentation**
- 11:50-12:00**      **Closing**

**18:30-20:00**      **Meeting banquet (at Guesthouse of Dali U)**