

***Serbian-Chinese Astronomical Scientific Meeting:  
Physics and Nature of Active Galactic Nuclei***

April 16 - 19, 2018  
Belgrade (Serbia)  
Link: <http://servo.aob.rs/serbchin/>

**Programme**

***Monday*** (April 16, 2018)

10:00 - 11:00 Registration and opening

***Session 1. AGN variability***

**Chair: Edi Bon**

11:00 - 11:45 Review lecture 1 (with discussion)

***Jian-Min Wang: Reverberation mapping campaigns in China (or Super-Eddington accreting massive black holes for cosmology)***

11:45 - 12:30 Review lecture 2 (with discussion)

***Luka Č. Popović: Spectral and polarimetric AGN investigation in Serbia***

12:30 -13:00 Contribution 1

***Dragana Ilić: Our programme of the long term AGN monitoring***

13:00-15:00 Lunch

**Chair: Hu Chen**

15:00-15:45 Review lecture 3 (with discussion)

***Pu Du: Campaign of monitoring AGNs with Hbeta asymmetry***

15:45-16:30 Review lecture 4 (with discussion)

***Darko Jevremović: LSST and AGN monitoring***

16:30-17:00 Coffee break

17:00-17:30 Contribution 2 (with discussion)

***Jelena Kovačević-Dojčinović: The UV and optical Fe II emission lines in type IAGNs***

**Tuesday** (April 17, 2018)

**Chair: Predrag Jovanović**

**Session 2. AGN and super-massive binary systems**

10:00 - 10:45 Review lecture 5 (with discussion)

***Edi Bon: Periodic variability of AGNs - binary or something else***

10:45-11:30 Review lecture 6 (with discussion)

***Jian-Min Wang: Supermassive black hole binaries***

11:30 - 12:00 Coffee break

**Chair: Pu Du**

12:00 - 12:30 Contribution 3 (with discussion)

***Saša Simić: Variability in the AGN broad lines and continuum  
- an indication of SMBHB***

12:30 - 13:00 Contribution 4 (with discussion)

***Djordje Savić: Polarization in broad lines of SMBHBs***

13:00-15:00 Lunch

**Chair: Saša Simić**

***Session 3. AGN spectral characteristics***

15:00-15:45 Review lecture 7 (with discussion)

***Hu Chen: Spectral characteristics of AGN***

15:45-16:30 Review lecture 8 (with discussion)

***Predrag Jovanović: Broad Fe K $\alpha$  line from accretion disc  
of AGNs***

16:30-17:00 Coffee break

**Chair: Anđelka Kovačević**

17:00-17:30 Contribution talk 5

***Marko Stalevski: A new paradigm for mid-IR emission of  
AGNs***

17:30 - 18:00 Contributed talk 6

***Milan S. Dimitrijević, Vladimir A. Srećković and Ljubinko M. Ignjatović: Chemi-ionization/recombination processes in the AGNs Broad-Line Region***

20:00 Conference dinner

***Wednesday*** (April 18, 2018)

**Chair: Dragana Ilić**

***Session 4. AGN variability, structure and spectral characteristics - observations vs. theory***

10:00 – 10:45 Review lecture 9

***Yan-Rong Li: Test Periodic Signals in Red-Noise Time Series of Active Galactic Nuclei***

10:45 - 11:30 Review lecture 10

***Andjelka Kovačević: Oscillatory patterns in the light curves of five long-term monitored type 1 active galactic nuclei***

**Chairs: Jian-Min Wang & Luka Č. Popović**

Open discussion: possibility future collaboration (with coffee and cakes) in observations and theoretical work - Closing conclusions

12:30 - Lunch

***14:00 Excursion to Museum Vinča***

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Edited by Maša Lakićević, Edi Bon and Luka Č. Popović  
Astronomical Observatory Belgrade, 2018

***Thursday*** (April 19, 2018)

10:00 – 16:00 Work in groups at Astronomical Observatory