

Social events:

Monday, 3 September

18:00 - Registration and welcome cocktail, NCAC

Thursday, 6 September

19:00 - Conference dinner, NCAC

Friday, 7 September

12:30 – Social lunch & sightseeing in Wilanów

Scientific Program

Tuesday, 4 September

9:00-10:00 Breakfast, registration & wake up coffee

10:00-10:10 Welcome address

Session I: History

10:10 -10:50 Introductory Talk by Jean-Pierre Lasota-Hirszowicz

10:50-11:00 break/cold drinks

11:00-11:40 Yoji Osaki: A brief history of the disk instability model for the dwarf nova outburst

'Round table' discussion & recollections (J. Cannizzo, F. Meyer, E. Meyer-Hoffmeister, Y. Osaki, J. Smak)

12:30-14:00 lunch

Session II: Dwarf novae and related binaries I

14:00-14:40 John Cannizzo: The Thermal-Viscous Limit Cycle Model in Dwarf Novae

14:40-15:20 Józef Smak: Dwarf Nova Superoutbursts

15:20-16:00 Brian Warner: The nature of superhumps

16:00-16:30 coffee break

16:30-17:10 Solen Balman: X-ray Observations of Dwarf Novae in quiescence and Outburst

17:10-17:30 Magdalena Otulakowska-Hypka: IX Draconis - a curious ER UMa-type dwarf nova

17:30-18:10 Polina Zemko: ER UMa - Dwarf Novae persistently switching from positive to negative superhumps

Wednesday, 5 September

9:00-10:00 Breakfast & wake up coffee

Session III: Dwarf novae and related binaries II

10:00-10:40 Danny Steeghs: Mapping the mass flow between the two stellar components in binary systems

10:40-11.20 Graham Wynn: Duplicating discs: simulations of accretion discs in binary stars

11:20-11:30 break/cold drinks

11:30-12:10 Gavin Ramsay: Outbursts in AM CVn binaries

12:10-12:30 Joanna Mikołajewska: Mass transfer and accretion in symbiotic binaries

12:30-14:00 lunch

Session IV: Disk instability in X-ray binaries

14:00-14:40 Andrew King: Disc instability in soft X-ray transients

14:40-15:00 Konstantin Malanchev: Non-stationary disk accretion in Soft X-ray transients

Free afternoon

Thursday, 6 September

9:00-10:00 Breakfast & wake up coffee

Session V: Radiation-pressure instability in black hole systems I

10:00-10:40 Agnieszka Janiuk: Radiation pressure instability in the accreting black hole systems

10:40-11:20 Olivier Godet: Constraining the accretion flow evolution around the best intermediate mass black hole candidate HLX-1 in the ESO 243-49 galaxy

11:20-11:30 break/cold drinks

11:30-12:10 Ken Ohsuga: Simulations of the radiation-pressure disk instability

12:10-12:30 Viacheslav Zhuravlev: Optimal transient growth in keplerian discs via variational technique

12:30-14:00 lunch

Session VI: Radiation-pressure instability in black hole systems II

14:00-14:40 Omer Blaes: MRI Simulations and the Thermal-Viscous Instability

14:40-15:10 Włoddek Kluźniak: Thermal stability of accretion disks with delayed heating

15:10-15:40 Aleksander Sadowski: Outflows and convective stability of accretion disks based on GRMHD simulations of ADAFs

15:40-16:00 TBD

16:00-16:30 coffee break

Session VII: Variability of AGNs

16:30-17:10 Ewa Szuszkiewicz: Variability as a powerful diagnostic of AGN

17:10-17:30 Marek Nikolajuk: Low covering factor of the BLR in weak emission-line quasars

17:30-17:50 Marek Jamroz: Recurrent activity in extragalactic radio sources

17:50-18:10 Magdalena Kunert-Bajraszewska: Intermittent activity of radio-loud BAL quasar 1045+352

18:30 NCAC Medal Award Ceremony

Friday, 7 September

9:00-10:00 Breakfast & wake up coffee

Session VIII: Close binaries & future observations

10:00-10:40 Christian Knigge: Disc stability vs close binary evolution

10:40-11:20 Didier Barret: Future of X-ray observations

11:20-12:00 General discussion & conference summary

End of the meeting

12:30 Departure for Wilanów