

Program

Sunday, 28 August

18:00 Registration and welcome cocktail party at the NCAC

Monday, 29 August

9:00-10:00 Breakfast, registration and coffee

10:00 Welcome address

10:15-10:45 Introductory talk by P. Podsiadlowski

Session I: Evolved stars, pulsations and mass loss (1)

10:45-11:15 I. Soszyński: Massive search and analysis of evolved stars from the OGLE project

11:15-11:30 Break/cold drinks

11:30-11:50 S. Uttenthaler: The evolutionary state of Miras with changing pulsation period

11:50-12:10 B. Hrivnak - Pulsational light variability in Carbon-rich post-AGB stars in the Milky Way Galaxy

12:10-12:25 M. Hillen: Uncovering the pulsating photospheres of AGB variables through near-IR interferometry: a case study on R Vir

12:30-13:30 Lunch

Session II: Evolved stars, pulsations and mass loss (2)

14:00-14:20 W. Vlemmings: Magnetic fields in the envelopes of Evolved Stars

14:20-14:40 L. Zacs: Dynamical phenomena in the atmospheres of proto-planetary nebulae

14:40-15:00 M. Feast: AGB variables: distance indicators; bolometric magnitudes; pulsation modes

15:00-15:20 J. Menzies: Mira variables in southern Local Group galaxies

15:20-15:40 P. Whitelock: AGB variables in NGC6822

15:45-16:15 Coffee break & poster session

16:15-16:45 I. McDonald: Mass loss from giant stars: its variance with metallicity and evolution

16:45-17:15 M. Groenewegen: The Herschel MESS program on evolved stars

17:15-17:35 S. Sacuto: A possible solution to the mass-loss problem in M-type AGB stars

17:35-17:50 L. Matthews: Constraining Stellar Mass-Loss through HI 21-cm Line Observations with the Very Large Array

18:00 Grill party at the NCAC

Tuesday, 30 August

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

Session III: Interacting binaries and circumstellar discs (1)

10:00-10:30 A. Jorissen: Herschel's view of evolved binary stars

10:30-10:50 T. Verhoelst: Creating a circumbinary dust disc from a Roche Lobe-overflowing red giant: the SS Leporis system

10:50-11:10 O. Chesneau: Hunting and characterizing stratified disks around evolved stars

11:10-11:20 [Break/cold drinks](#)

11:20-11:40 N. Gorlova: High-resolution spectroscopic investigation of post-AGB binary candidates with disks

11:40-12:00 C. Gielen: Dust processing in Keplerian discs around post-AGB binaries

12:00-12:20 E. Lagadec: A mid-infrared imaging catalogue of post-AGB stars

12:30-13:30 [Lunch](#)

Session IV: Interacting binaries and circumstellar discs (2)

14:00-14:20 B. Miszalski: The influence of binaries on dust in planetary nebulae

14:20-14:40 D. Jones: Examining the influence of central star binarity on the morphologies of PNe

14:40-15:00 S. Mohamed: Mass Transfer in Mira-type binaries

15:00-15:20 J. Mikołajewska: Mass transfer in symbiotic stars

15:20-15:40 P. Podsiadlowski: The Symbiotic Channel for Type Ia Supernovae

15:40-15:55 I. Dominguez: Connecting Thermonuclear Supernovae with their Progenitors

15:55-16:45 [Coffee break & poster session](#)

free afternoon (informal discussions, site seeing, etc.)

Wednesday, 31 August

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

Session Va: Interacting binaries and circumstellar discs (2)

10:00-10:20 A. Jorissen: Importance of circumbinary discs in the evolution of low- and intermediate-mass binaries

10:20-10:40 S. Van Eck: Chemical abundances in Barium and S stars

Session Vb: Chemistry of evolved stars and their environment

10:40-11:00 K. Smolders: The Spitzer Spectroscopic Survey of S-type Stars

11:00-11:10 [Break/cold drinks](#)

11:10-11:30 I. Cherchneff: Non equilibrium chemistry in the shocked inner wind of AGB stars

11:30-11:50 C. Abia: First fluorine abundance determinations in extragalactic AGB carbon stars: Is there a new fluorine problem?

11:50-12:10 G. Stasińska: Chemical abundances in planetary nebulae and their central stars

12:10-12:30 L. Guzman-Ramirez: Carbon chemistry in Galactic Bulge Planetary Nebulae

12:30-13:30 [Lunch](#)

Session VI: Circumstellar molecules and dust (1)

14:00-14:30 A. Omont: Carbon particles in circumstellar and interstellar environments

14:30-14:50 J. Bernard-Salas: Elusive Fullerenes found in Space

14:50-15:05 C. Paladini: Unveiling the dusty envelope of C-rich AGB stars

15:05-15:25 O. Jones: The Crystalline Silicate abundance around oxygen-rich Asymptotic Giant Branch stars

15:25-15:45 J. Blommaert: Crystalline dust in the circumstellar environment of evolved stars

15:45-16:30 Coffee break & poster session

16:30-16:50 K. Menten: An unbiased view of the molecular emission from the red supergiant VY CMa over the 270-355 GHz range

16:50-17:10 G. Sloan: Dust and metallicity

17:10-17:30 M. Boyer: Dust production in AGB and RSG stars in the Magellanic Clouds

17:30-17:45 R. Tylenda: V1309 Scorpii: Death of a Binary and Birth of a New Star

===== Break =====

18:45 Delivery of the NCAC Medal to prof. Alain Omont

19:00 Conference dinner

Thursday, 1 September

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

Session VII: Circumstellar molecules and dust (2)

10:00-10:30 V. Bujarrabal: Herschel/HIFI observations of molecular lines from planetary and proto-planetary nebulae

10:30-10:50 T. Kamiński: Examining the extended CO emission in IRC+10216 with APEX

10:50-11:05 M. Schmidt: Modeling of the circumstellar ammonia lines in carbon-rich AGB stars by the Herschel/HIFI

11:05-11:50 General discussion & conference summary

End of the meeting

12:15 Departure for Wilanów

Social events:

Sunday, 28 August, 18:00: Welcome cocktail party at the NCAC

Monday, 29 August, 18:00: Grill party at the NCAC

Wednesday, 31 August, 19:00: Conference dinner

Thursday, 1 September, 12:30: Lunch & site seeing in Wilanów