

# **Social events:**

## **Sunday, 15 July**

18:00 - Registration and welcome cocktail, NCAC

## **Monday, 16 July**

18:30 - Grill party, NCAC (to be confirmed)

## **Tuesday, 17 July**

19:00 - Conference dinner, NCAC

## **Wednesday, 18 July**

13:00 – Social lunch & sightseeing in Wilanów

# Scientific Program

## Monday, 16 July

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

10:00 -10:40 Introductory Talk by Grażyna Stasińska: *The early stages of Orion studies*

### Session I: The Orion Complex I: observations

10:40-11:20 Robert O'Dell: *The large scale structure of the Orion Nebula*

11:20-11:30 break/cold drinks

11:30-12:10 Nicholas Abel: *Physical conditions in Orion's Veil*

12:10-12:30 Valentina Luridiana: *Fluorescence in Orion*

12:30-14:00 lunch

14:00-14:40 Paul van der Werf: *Orion's Veil (tbc)*

14:40-15:00 Heddy Arab: *The Orion Bar seen by Herschel*

15:00-15:20 Robert Rubin: *Spatial analysis of the PAH and ionic features southeast of the Orion Bar*

15:20-15:40 Christophe Morisset: *PPAK observations of Orion: OII and [FeIII] density maps.*

15:40-16:00 Joao Alves: *Orion Nebula Cluster revisited: the foreground population*

16:00-16:30 coffee break

### Session II: The Orion Complex II: modeling

16:30-17:10 Gary Ferland: *Photoionization modelling of the Orion nebula .*

17:10-17:30 Yago Ascasibar: *Hydrostatic models of the Orion Bar*

17:30-17:50 Nahiely Flores-Fajardo: *Ionization-hydrodynamic models of the Orion proplyds as a tool for gas-phase abundance determinations*

17:50-18:10 Roman Korytko: *Determination of energy distribution in ionizing radiation spectrum of the Orion Nebula*

## Tuesday, 17 July

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

### Session III: Chemical composition

10:00-10:40 Cesar Esteban: *The Orion nebula: a reference for ionized gas phase abundance determinations*

10:40-11:20 Manuel Peimbert: *A discussion on the observationally derived  $t^2$  values for Orion*

11:20-11:30 break/cold drinks

11:30-11:50 Manuel Núñez-Díaz: *A very deep spectrophotometric mosaic of the Orion Nebula*

11:50-12:10 Yiannis Tsamis: *The oxygen abundance in protoplanetary disks embedded in HII regions*

12:10-12:30 Adal Mesa-Delgado: *Effects of Herbig-Haro objects and bars on the oxygen*

*abundance in the Orion Nebula*

12:30-14:00 lunch

14:00-14:20 Jorge Garcia-Rojas: *M43, the little sister of the Orion Nebula*

14:20-15:00 Sergio Simon Diaz: *Chemical composition of OB stars in Orion*

15:00-15:20 Antonio Peimbert: *The implication of the Orion Nebula abundances for other galactic and extragalactic H II regions*

**Session IV: Star Formation**

15:20-16:00 Karl Menten: *Star formation in the Orion Molecular Cloud system and the BN/KL Region*

16:00-16:20 coffee break

16:30-17:10 Luis Zapata: *The BN-KL star formation region*

17:10-17:50 Jan Forbrich: *High-energy emission from young stars in the Orion Nebula - the radio and X-ray views*

17:50-18:10 Satoko Takahashi: *Filament fragmentation and youngest star formation within the Orion molecular cloud*

18:10-18:30 Monika Petr-Gotzens: *The ONC and its binaries: more details than ever*

18:40 Delivery of the NCAC Medal to prof. Robert O'Dell

**Wednesday, 18 July**

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

**Session V: Outflows and Interactions**

10:00-10:40 William Henney: *The dynamics of the Orion Nebula*

10:40-11:00 Paula Stella Teixeira: *What does the fragmentation scale of the OMCI filament tell us?*

11:00-11:20 Christoph Olczak: *The diverse effects of stellar interactions in the ONC*

11:20-11:30 break/cold drinks

11:30-11:50 Andrey Sobolev: *Methanol maser associated with the binary system giving birth to strong molecular outflow Ori-S6*

11:50-12:30 Conference summary

End of the meeting

13:00 Departure for Wilanów