

The 2nd “Seminar on Star Formation and Astrochemistry in Toruń” (SFAT) - everyone is welcome!

Friday, April 26, 2019, Institute of Physics NCU Toruń, room no. 20

- 11:30 - 11:40 Introduction - Agata Karska / Maciej Koprowski (NCU Toruń)
- 11:40 - 12:10 *Van der Waals interaction energy surfaces for high resolution spectroscopy*
Piotr Jankowski (NCU Toruń)
- 12:10 - 12:30 *Star formation in the outer Galaxy as a stepping stone to understand how stars and planets formed in the early Universe*
Agata Karska (NCU Toruń)
- 12:30 - 12:45 *Vibrational Overtone Spectra of medium-sized molecules*
Marcin Gronowski (University of Warsaw)
- 12:45 - 13:00 *Star formation around the Galactic HII region RCW120*
Miguel Figueira (NCBJ Warsaw)
- 13:00 - 14:00 *Lunch break*
- 14:00 - 14:30 *Cold molecules and cold collisions*
Piotr Żuchowski (NCU Toruń)
- 14:15 - 14:30 *PAHs in pre star-forming systems*
Emily Kosmaczewski (UJ Kraków)
- 14:30 - 14:45 *Modelling of spectral energy distributions of young stellar objects in the Outer Galaxy*
Ilknur Gezer (CAMK Toruń)
- 15:00 - 15:15 *Coffee break*
- 15:15 - 15:30 *Dust attenuation curves in high-redshift galaxies*
Maciej Koprowski (NCU Toruń)
- 15:30 - 15:45 *Non-covalent interactions in the strongly correlated regime within Coupled Cluster theory*
Filip Brzęk (NCU Toruń)
- 15:45 - 16:00 *Simulations of electrons in cosmic rays from galactic winds*
Mateusz Ogrodnik (NCU Toruń)
- 16:00 End of the official part of the meeting