

The 4th "Seminar on Star Formation and Astrochemistry in Toruń" (SFAT) - everyone is welcome!

Friday, October 25, 2019, Institute of Physics NCU Toruń, room no. 29

- 11:30 - 12:00 Welcome coffee and snacks (next to room no. 29)
- 12:00 - 12:30 *Ultracold ion-atom collisions in the quantum regime*
Michał Tomza (UW)
- 12:30 - 13:00 *Dissociation energy and rovibrational spectrum of molecular hydrogen*
Mariusz Puchalski (AMU Poznań)
- 13:00 - 13:30 *Quantum-mechanical non-Born-Oppenheimer calculations of small atoms and molecules*
Monika Stanke (UMK Toruń)
- 14:30 - 14:50 *Singly-linked Hylleraas method for four electron atoms and beyond*
Tymon Kilich (PG Gdańsk)
- 14:50 - 15:10 *Furan fragmentation upon ion and photon collisions. Combined theoretical and experimental study*
Ewa Erdmann (PG Gdańsk)
- 15:10 - 15:30 *Algorithm for calculating Bethe logarithm for atoms and small molecules*
Ewa Palikot (UMK Toruń)
- 15:30 End of the official part of the meeting