

Program

Tuesday, 22 October 2019

17:00 – 21:00 Registration

from 18:30 *BUFFET SUPPER / Informal get together*

Wednesday, 23 October 2019

07:30 *BREAKFAST*

09:00 – 09:10 Thomas Giesen Introduction

Chair: Alexey Potapov

09:10 – 10:00 Stephan Schlemmer **The boon and bane of high-resolution spectroscopy**

10:00 – 10:50 Luca Dore **The role of the submillimeter-wave spectroscopy in astrochemistry**

10:50 – 11:10 *COFFEE BREAK*

11:10 – 12:00 Olivier Pirali **Far-infrared spectroscopy of astrophysical molecules using synchrotron radiation**

12:00 – 12:50 Thomas Schultz **CRASY: Correlated mass-rotation spectra of heterogeneous samples**

12:50 **Conference photo** (in the foyer of the lecture hall)

13:00 *LUNCH*

Program

Wednesday, 23 October 2019

Chair: Stephan Schlemmer

14:30 – 15:20	Satoshi Yamamoto	Chemical evolution and its diversity in disk forming regions
15:20 – 16:10	Arnaud Belloche	Molecular complexity in the interstellar medium
16:10 – 16:30	<i>COFFEE BREAK</i>	
16:30 – 17:20	Aurore Bacmann	Complex organic molecules in cold dark cores – progress and challenges
17:20 – 18:10	Markus Röllig	PDR modelling review
18:10 – 19:30	Round table	
19:30	<i>DINNER</i>	

Program

Thursday, 24 October 2019

07:30 *BREAKFAST*

Chair: Cornelia Jäger

- 09:00 – 09:50 Harold Linnartz **From small to tall: Molecular complexity in interstellar ices**
- 09:50 – 10:40 Farid Salama **The chemical evolution of cosmic carbon: Laboratory studies with the COSMIC facility**
- 10:40 – 11:00 *COFFEE BREAK*
- 11:00 – 11:50 Ewen Campbell **Electronic spectroscopy of molecular ions of astrochemical interest**
- 11:50 – 12:40 Melanie Schnell **A multi-spectroscopic approach to reveal the astrochemistry of polycyclic aromatic hydrocarbons**
- 12:40 *LUNCH*
- 14:30 – 14:45 Stefan Jorda **About the Wilhelm and Else Heraeus Foundation**

Chair: Friedrich Wyrowski

- 14:45 – 15:35 Tomasz Kamiński **Shock chemistry and rare isotopologues around eruptive stars**
- 15:35 – 16:25 Javier Goicoechea **Chemistry in UV-irradiated interstellar clouds**
- 16:25 – 16:45 *COFFEE BREAK*
- 16:45 – 19:00 **Poster session**
- 19:30 *HERAEUS DINNER at the Physikzentrum
(cold & warm buffet, free beverages)*

Program

Friday, 25 October 2019

07:30 *BREAKFAST*

Chair: Harold Linnartz

09:00 – 09:50	Christina Puzzarini	Rotational spectroscopy, quantum chemistry and the astrochemical challenges
09:50 – 10:40	Svitlana Zhukovska	Destruction and re-formation of grains in an inhomogeneous interstellar matter
10:40 – 11:00	<i>COFFEE BREAK</i>	
11:00 – 11:30	Guido Fuchs	High-resolution spectra of small molecules and the astronomical search for them in late-type stars
11:30 – 12:00	Alexey Potapov	Chemistry on the surface of cosmic dust grains
12:00 – 12:30	Thomas Giesen	Wrap-up, poster awards
12:30	<i>LUNCH</i>	

End of the seminar and FAREWELL COFFEE / Departure

*Please note that there will be **no** dinner at the Physikzentrum on Friday evening for participants leaving the next morning.*