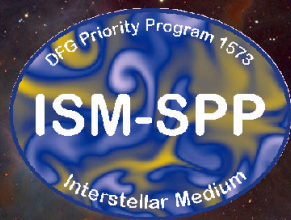


First ISM-SPP school

# The Physics of the Interstellar Medium

October 1-5, 2012, Freising



observations, simulations  
and laboratory experiments

## Monday, 1st October, 2012

8:45 - 9:00	Welcome	Andreas Burkert
9:00 - 10:15	Basic Physics and the dynamics of the turbulent, multi-phase ISM I	Andreas Burkert
10:15 - 10:45	Coffee / Tea Break	
10:45 - 12:00	Basic Physics and the dynamics of the turbulent, multi-phase ISM II	Andreas Burkert
12:00 - 13:15	Lunch Break	
13:15 - 14:30	Observations and overview over observing techniques I	Fabian Walter
14:30 - 15:00	Coffee / Tea Break	
15:00 - 16:15	Observations and overview over observing techniques II	Fabian Walter
16:15 - 17:30	ISM in other galaxies	Frank Bigiel
17:30 - 18:00	SOFIA's potential for ISM studies	Hans Zinnecker
18:00	Dinner	

## Tuesday, 2nd October, 2012

9:00 - 10:15 Physics and Chemistry of Cosmic Dust Thomas Henning

10:15 - 10:45 Coffee / Tea Break

10:45 - 12:00 Laboratory Experiments I: Dust and PAHs  
(Condensation, processing, spectral characteristics) Cornelia Jaeger

12:00 - 13:15 Lunch Break

13:15 - 14:30 Laboratory Experiments II: Spectroscopy of interstellar molecules Sandra Bruenken

14:30 - 15:00 Coffee / Tea Break

15:00 - 18:30 Student Talks

18:30 - 19:30 Student Meeting

19:30 Student-Get-Together in the Klausur

## Wednesday, 3rd October, 2012

9:00 - 10:15 Chemistry of the ISM Simon Glover

10:15 - 10:45 Coffee / Tea Break

10:45 - 12:00 Radiative Transfer I: Continuum and Polarization Sebastian Wolf

12:00 - 13:15 Lunch Break

13:15 - 14:30 Radiative Transfer II: Gas Line Transfer Christian Brinch

14:30 - 15:00 Coffee / Tea Break

15:00 - 16:15 Star formation and stellar feedback I Ralf Klessen

16:15 - 17:30 Star formation and stellar feedback II Ralf Klessen

18:00 Dinner

### Thursday, 4th October, 2012

9:00 - 10:15	Presentation Skills Seminar Part I	Kerstin Meyer-Ross
10:15 - 10:45	Coffee / Tea Break	
10:45 - 12:00	Presentation Skills Seminar Part II	Kerstin Meyer-Ross
12:00 - 13:15	Lunch Break	
13:15 - 14:30	Presentation Skills Seminar Part III	Kerstin Meyer-Ross
14:30 - 15:00	Coffee / Tea Break	
15:00 - 18:00	Presentation Skills Seminar Part IV	Kerstin Meyer-Ross
18:00	Dinner	

### Friday, 5th October, 2012

9:00 - 10:15	Presentation Skills Seminar Part V	Kerstin Meyer-Ross
10:15 - 10:45	Coffee / Tea Break	
10:45 - 12:00	Presentation Skills Seminar Part VI	Kerstin Meyer-Ross
12:00 - 12:15	Concluding remarks/farewell	Andreas Burkert
12:15 - 13:30	Lunch Break	
13:30 - 15:00	Departure	