

Final program

(last update: 20 February 2012)

Format program:

Lectures: 25 minutes + 5 minutes discussion

Except for overview lectures on Monday morning: 35 minutes + 5

Monday 27 February 2012

09.00 – 10.00	Arrival, office assignment, coffee and tea
10:00 – 10:15	Welcome by the manager of the Lorentz Center Mieke Schutte
10:15 – 10:40	Opening by scientific organizers & Workshop Goals
10:40 – 11:20	Edwin Bergin Overview of results of galactic observations and the interpretation
11:20 – 12:00	Eckhard Sturm Overview of results of extra-galactic observations and the interpretation
12:00 – 13:30	Lunch and informal discussions
13:30 – 14:00	Mark Wolfire PDRs: Thermal and chemical balance in UV Dominated Regions
14:00 – 14:30	Marco Spaans XDRs: X-ray Dominated Regions
14:30 – 15:00	Coffee and tea
15:00 – 15:30	Antoine Gusdorf Shock models
15:30 – 16:00	Simon Bruderer Comparison of chemistry and radiative transfer models
16:00 – 17:00	Overview of the pre-assigned test problems. Additional suggestions for the workshop. Rowin Meijerink, Edo Loenen
17:00 –	Wine and Cheese Party

Tuesday 28 February 2012

09:00 – 09:30	Jacqueline Fisher SHINING: Survey with Herschel of the ISM in Nearby Infrared Galaxies
09:30 – 10:00	Paul van der Werf HerCULES: Herschel Comprehensive (U)LIRG Emission Survey
10:00 – 10:30	Joel Green DIGIT: Dust, Ice, and Gas in Time
10:30 – 11:00	Coffee and tea
11:00 – 11:30	Christian Brinch Theory of radiative transfer
11:30 – 12:00	Rowin Meijerink Cosmic Rays
12:00 – 13:30	Lunch and informal discussions
13:30 – 15:00	Splinter sessions, working on problem sets
15:00 – 17:00	Posters and general discussions

Wednesday 29 February 2012

09:00 – 09:30	Volker Ossenkopf WADI: The warm and dense ISM + HEXOS: HIFI Observations of EXtraOrdinary Sources
09:30 – 10:00	Axel Weiss CO SEDs in active nearby and high redshift galaxies and their relation to other ISM tracers
10:00 – 10:30	Ewine van Dishoeck WISH: Water In Star-forming regions with Herschel
10:30 – 11:00	Coffee and tea
11:00 – 12:00	Splinter sessions, working on problem sets
12:00 – 13:30	Lunch and informal discussions
13:30 – 16:00	Splinter sessions, working on problem sets
16:00 – 17:00	General discussions
1800 –	Workshop dinner at “Het Prentenkabinet”

Thursday 1 March 2012

09:30 – 10:00	Christine Wilson Physical Processes in the Interstellar Medium of Very Nearby Galaxies
10:00 – 10:30	Cecilia Ceccarelli CHESS: Herschel surveys of star forming regions
10:30 – 11:00	Coffee and tea
11:00 – 11:30	Xander Tielens Photoelectric heating
11:30 – 11:50	Steve Hailey-Dunsheath CO excitation in NGC1068
11:50 – 12:10	John Black CO: exotic and non-standard excitation mechanisms
12:10 – 13:30	Lunch and informal discussions
13:30 – 16:00	Modelling specific types of sources (disks, YSOs, SN shocks, starbursts, AGN tori, etc.)
16:00 – 17:00	General discussions

Friday 2 March 2012

09:30 – 10:30	Pre- and post-benchmark comparison of PDR/XDR/shocks models
10:30 – 11:00	Coffee and tea
11:00 – 12:00	Implications for the interpretation of CO ladders in the different observational programs
12:00 – 13:30	Lunch and informal discussions
13:30 – 14:00	Workshop summary: What did we learn? How do we proceed?
14:00 – 15:00	Discussion on publication