



Monday

8:30

Registration

9:15

Welcome

Chair: NATALIA INOSTROZA

9:30 - 10:20

What's out there and how do we know? An overview of Astrochemistry

RYAN FORTENBERRY

10:25 - 10:50

Astrochemical Models

JIXING GE

COFFEE/TEA BREAK

11:30 - 12:20

Molecular spectroscopy for
Astrochemistry - Part 1

VALERIO LATTANZI

12:25 - 12:50

Dust in disks

LAURA PEREZ

12:50 - 13:00

2-min presentations

13:00 - 14:20

LUNCH

14:30 - 17:00

Hands-on session

Gas grain code

JIXING GE

Tuesday

Chair: PAOLA CASELLI

9:30 - 10:20

Gas phase Chemistry
NATALIA INOSTROZA

10:25 - 10:50

Outflows - Shocks
DIEGO MARDONEZ

10:55 - 10:30

COFFEE/TEA BREAK

11:30 - 12:20

Molecular spectroscopy for
Astrochemistry - Part 2
VALERIO LATTANZI

12:25 - 12:50

Inorganic Astrochemistry
RYAN FORTENBERRY

12:50 - 13:00

2-min presentations

13:00 - 14:20

LUNCH

14:30 - 17:00

Hands-on session
Rotational Spectroscopy
VALERIO LATTANZI



Wednesday

Chair: DIEGO MARDONES

9:30 - 10:20

Quantum Chemistry for Astrophysics
RYAN FORTENBERRY

10:25 - 10:50

PAHs observations in mm-wave
MATIAS VIDAL

10:55 - 10:30

COFFEE/TEA BREAK

11:30 - 12:20

Dense Core Chemistry
PAOLA CASELLI

12:25 - 12:50

Surface chemistry
Alexander Tielens (Remote)

12:50 - 13:00

2-min presentations

13:00 - 14:20

LUNCH

14:30 - 17:00

Hands-on session
g09/molpro
N. INOSTROZA/R. FORTENBERRY



Thursday

Chair: BARBARA ROJAS

9:30 - 10:20

Photon Processes in Astrochemistry
RYAN FORTENBERRY

10:25 - 10:50

Astrochemistry in External Galaxies
SERGIO MARTIN

10:55 - 10:30

COFFEE/TEA BREAK

11:30 - 12:20

Protostellar Disk Chemistry
PAOLA CASELLI

12:25 - 12:50

Laboratory spectroscopy of sulphur
bearing molecules
VALERIO LATTENZI

12:50 - 13:00

2-min presentations

13:00 - 14:20

LUNCH

14:30 - 17:00

Hands-on session
MADCUBA
SERGIO MARTIN



Friday

CHAIR: RYAN FORTENBERRY

9:30 - 10:20

Planet Formation and chemistry
PAOLA CASELLI

10:25 - 10:50

Characterisation of atmospherics
abundances in Exoplanets: the case
of LTT 9779 b
RICARDO RAMIREZO

10:55 - 11:10

CLOSING CEREMONY

14:30

AFTERNOON TRIP TO VINEYARD