

Two-days meeting in Leuven on (exo)planet GCM models

Monday, April 15

10.00-10.15: Welcome and introduction [Leen Decin]

10.15-11.00: MIT-GCM models [Ludmila Carone]

11.00-11.20: Discussion on MIT-GCM [ALL]

11.20-11.35: coffee

11.35-12.20: MARS models (GCM + radiative transfer) [Alexander Medvedev]

12.20-12.40: Discussion [All]

12.40-13.45: sandwich lunch (in de Moete)

13.45-14.30: Jupiter and Saturn models (GCM + radiative transfer + ...) [Alexander Medvedev]

14.30-15.15: The BISA GEM-Mars GCM [Frank Daerden and Lori Neary]

15.15-15.30: coffee

15.30-16.30: Where to go in exoplanet GCM models. Pro's and contra's of different methods / comparison to other groups worldwide

16.30-17.30: Possible (software) exchange between groups

Tuesday, April 16

10.00-11.00: Chemical models for hot Jupiters [Olivia Venot]

11.00-11.30: Need for calibration with chemical physicists – which molecules / wavelengths have highest priority [Olivia Venot / Leen Decin/ ...]

11.30-12.30: Cloud formation (All)

12.30-13.30: Sandwich lunch (in de Moete)

13.30-15.00: Brainstorming on future collaboration, strategic choices, ...

15.00: Adjourn

For participation, please contact Leen Decin leen@ster.kuleuven.be