

TherMoPS program

**Monday**

09:30	Delbo, Tanga	Welcome and practical info
10:00	Delbo	Thermal models: history, techniques, problems & perspectives
10:20	Harris	A Survey of Karin Cluster Asteroids with the Spitzer Space Telescope
10:40	Coffe break	
11:00	Emery	Thermal modeling and emissivity mineralogical analysis of the Spitzer IRS asteroid data
11:20	Walsh	Cool binary asteroids and slow rotators
11:40		<i>DISCUSSION: asteroid temperatures and surface characteristics</i>
12:00	Lunch break	
14:00	Walker	WISE mission: asteroids and comet observations
14:20	Wright	WISE and the Yarkovsky effect in the Baptistina family of asteroids
14:40	Broz	Resonant Yarkovsky effect
15:00	Mueller Migo	YORP in the presence of surface roughness
15:20	Coffe break & DISCUSSION: improved models for Yarkovsky/YORP	
15:40	Howell	Thermal Infrared Observations of Several Near-Earth Asteroids
16:00	Ligori	Direct determination of asteroid sizes and shapes by midir interferometry
16:20	Wolters	The Night Emission Simulated Thermal Model for Near-Earth Asteroids
16:40	Licandro	CanariCam: a mid-infrared camera-spectrograph for the GTC
17:00		<i>DISCUSSION new instruments, techniques</i>

**Tuesday**

09:30	Harris	Spitzer and Hershel Observations of TNOs: Potential and Pitfalls
10:00	Mouillet	ALMA and the TNOs
10:20	Kelley	Spitzer Observations of Comet Surfaces
10:40		DISCUSSION: Thermal models of icy bodies
11:00	Coffe break	
11:20	Campins	Near-&Mi-Infrared Spectro of Comet-Asteroid Transition Obj 944 Hidalgo Evidence for a Cometary Nature
11:40	Mueller Migo	Thermal inertia of small bodies from thermal observations during eclipses
12:00	all	DISCUSSION
12:30	Lunch break	
14:00	Selsis	Characterisation of exoplanets from their thermal emission
14:30	Ikoma	Accretion of Exoplanet Atmospheres
14:50	Matter	Detection of Exoplanets by means of mid-ir interferometry
15:10		DISCUSSION: extrasolar planets
15:25	Coffe break	
15:45	Sahijpal	Thermal models of planetary differentiation of accreting planetesimals/asteroids with $^{26}\text{Al}$ and $^{60}\text{Fe}$ as the heat sources
16:05	Kaufmann	The Solid-State Greenhouse Effect on icy bodies
16:25	Bhattacharya	Spitzer/TMO: Observation and Thermal Modelling
16:45		DISCUSSION

**Wednesday**

09:30	Rozitis	Thermal models for asteroids sample return missions
10:00	Groussin	Thermal mapper for the Marco Polo space mission
10:20	Mueller T.G.	Asteroids as FIR/Submm/MM Calibrators
10:40	Coffe break	
11:00	Gortsas	Thermophysical model of the production rate of C/1995 O1 (Hale-Bopp)
11:20	Skorov	Microphysical modeling of comet outgassing
11:40		DISCUSSION
12:00		meeting ends