

Programme

Monday 23 June

- Morning Session

- 08:30-09:00 Opening
- 09:00-09:45 G. Contopoulos
Orbits in Galaxies : A historical Perspective
- 09:45-10:10 A. Carati
Gravitational far Fields and dark matter
- 10:10-10:35 N. Caranicolas
Chaos in a BL-Lac dynamical model
- 10:35-11:00 Coffee break
- 11:00-11:45 J. Laskar
Chaotic diffusion in the Solar System
- 11:45-12:10 A Giorgilli
Nekhorosev's stability for the Sun-Jupiter-Saturn system
- 12:10-12:35 A. Celletti
Dynamical aspects of dumbbell and tether satellites
- 12:35-13:00 G. Valsecchi
Periodic orbits in the Main Lunar Problem
- 13:00- Lunch

- Afternoon Session

- 16:15-16:40 *Asteroids and terrestrial planets in multiplanetary systems*
- 16:40-17:05 R. Dvorak
Asteroids and terrestrial planets in multiplanetary

systems

17:05-17:30

M. Fouchard

Investigation on the individual effects of star encounters with the Sun on the Oort cloud comets

17:30-17:55

N. Delsate

Dynamics of high area-to-mass ratios GEO space debris and secondary resonances

17:55-18:20

Coffee break

18:20-19:05

A. Milani

Reasons to study the gravitational N body problem

19:05-19:30

G. Gronchi

Orbit determination with the two body integrals

19:30-19:55

J. Dufey

Planetary perturbations on the rotation of Mercury

Tuesday 24 June

- Morning Session

08:30-9:15

A. Morbidelli

What is wrong with the Nice model?

09:15-09:40

H. Levison

Modelling the formation of giant planet cores

09:40-10:05

Z. Knezevic

Fullfillment of the conditions for application of Nekhoroshev's theorem in the vicinity of the resonance

10:05-10:30

C. Migaszewski

The secular dynamics of generalized coplanar, non-resonant planetary system

10:30-11:00

Coffee Break

11:00-11:45	D. Nesvorny <i>The YORP effect</i>
11:45-12:10	S. Ferraz-Mello <i>High-Eccentricity Asteroids and Comments in the edge of the 2:1 resonance</i>
12:10-12:35	Zs. Sandor <i>A formation scenario of co-orbital terrestrial planets</i>
12:35-13:00	B. Novakovic <i>Local diffusion characteristics and the age of the asteroid family</i>
13:00-	Lunch

- Afternoon Session

18:00-18:45	G. Bozis <i>Certain aspects of the inverse and the direct problem of Dynamics</i>
18:45-19:10	M. Anisiu <i>Programmed motion in the presence of homogeneity</i>
19:10-19:35	C. Blaga <i>Inverse problem, precessing orbits and autonomous forces</i>
19:35-20:00	E. Lohinger <i>A Jupiter-Saturn analogon: OGLE-06-109L</i>
20:00-20:30	"John"

Wednesday 25 June

- Morning Session

08:30-09:15

M. Guzzo

Hyperbolic manifolds and Arnold diffusion in a priori unstable dynamical systems

09:15-09:40

C. Froeschle

Hyperbolic manifolds supporting Arnold diffusion in quasi-integrable systems

09:40-10:05

E. Lega

Hyperbolic manifolds supporting Arnold diffusion in quasi-integrable systems

10:05-10:30

N. Spyrou

Negative Mass and Repulsive Gravity in Newtonian Theory and Consequences

10:30-11:00

Coffee break

11:00-11:45

C. Beague

Resonant Exoplanetary Systems: From Orbital Determination to Periodic Orbits

11:45-12:10

K. Goździewski

The dynamics of two-planet system hosted by a red giant star

12:10-12:35

A.-S. Libert

Kozai resonance in extrasolar systems

12:35-13:00

J.L. Zhou

Formation and Dynamics of Planetary System OGLE-2006-BLG-109L

13:00-

Lunch

Afternoon

Excursion

Evening

Banquet

Thursday 26 June

- Morning Session

09:00-09:25	P. Leach <i>Singularity Analysis: The Elements of Implementation and the Essence of Interpretation of the results</i>
09:25-09:50	C. Efthymiopoulos <i>The Dynamics of Doubly Resonant Domains</i>
09:50-10:15	H. Skokos <i>The Generalized Alignment Index (GALI) Method of Chaos Detection</i>
10:15-10:40	A. Noullez <i>Resonance analysis for Hamiltonian systems</i>
10:40-11:10	Coffee break
11:10-11:35	B. Steeves <i>Close encounters in the Caledonian Symmetric Four Body Problem</i>
11:35-12:00	T. Kalvourides <i>The Copenhagen case when the primaries are oblate spheroids with dipole-type magnetic fields</i>
12:00-12:25	P. Kalas <i>Remarkable Dynamical Features in Exosolar Kuiper Belts</i>
12:30-	Lunch

End of the meeting