

# International Workshop in Astronomy and Dynamics Schedule

## Tuesday, April 28

9:45 - 10:00	C. Catala	<i>Introductory speech</i>
10:00 - 10:30	A. Chenciner	<i>NON AVOIDED CROSSINGS or Why asking Jacques Laskar to make a computation may lead to unexpected results</i>
10:30 - 11:00	Y. Papaphilippou	<i>From galaxies to accelerators through frequency map analysis</i>
11:00 - 11:30		coffee break
11:30 - 12:00	A. Celletti	<i>Bifurcations, halo orbits and space debris</i>
12:00 - 12:30	F. Forget	<i>The climates of planet Mars controlled by a chaotic obliquity</i>
12:30 - 13:00	A. Lemaître	<i>The Gylden problem</i>
13:00 - 15:00		LUNCH
15:00 - 15:30	M. Mayor	<i>Multiplanetary systems: An observer's view</i>
15:30 - 16:00	L. Nadolski	<i>Synchrotron radiation facilities and frequency map analysis</i>
16:00 - 16:30	A. Fienga	<i>Short term ephemerides: from space mission to general relativity and long term constraints</i>
16:30 - 17:00	H. Pälike	<i>EARTHSEQUENCING: Mapping out the interplay of Astronomy and Earth Sciences</i>
17:00 - 17:30		movies

## Wednesday, April 29

9:45 - 10:00	T. Coulhon	<i>Introductory speech</i>
10:00 - 10:30	L. Blanchet	<i>Testing Modified Gravity with Planetary Ephemerides</i>
10:30 - 11:00	J.-C. Yoccoz	<i>Small divisors for interval exchange maps</i>
11:00 - 11:30		coffee break
11:30 - 12:00	P. Olsen	<i>The Geological Orrery: Using Earth's Geological Record to Map the Chaotic Evolution of the Solar System</i>
12:00 - 12:30	S. Udry	<i>Exoplanets observed in multi-body systems: a playground for dynamicists</i>
12:30 - 13:00	D. Lin	<i>Dynamical Interaction between close-in Super Earths and their Magnetically Active Stars</i>
13:00 - 15:00		LUNCH
15:00 - 15:30	A. Morbidelli	<i>The chaotic motion of Mercury and the possibility of a new global instability of the (inner) Solar System</i>
15:30 - 16:00	A. Correia	<i>Long-term spin evolution of Mercury and Venus</i>
16:00 - 16:30	D. Robin	<i>20 years of Frequency Map Analysis at Berkeley Lab's Advanced Light Source</i>
16:30 - 17:00		movies

## Thursday, April 30

9:30 - 10:00	F. Hilgen	<i>Astronomical solutions, paleoclimate and the Geological Time Scale</i>
10:00 - 10:30	R. Dvorak	<i>Early evolution of planetary systems</i>
10:30 - 11:00	T. Carletti	<i>Analysis of the frequency space for controlled particle accelerator maps</i>
11:00 - 11:30		coffee break
11:30 - 12:00	H. Skokos	<i>Chaotic dynamics of disordered nonlinear lattices</i>
12:00 - 12:30	T. Westerhold	<i>Chaos B.C. - evolution of Earth's orbital eccentricity from 30 to 65 million years ago</i>
12:30 - 13:00	S. Ferraz Mello	<i>The creep tide theory</i>

END OF THE WORKSHOP