Extremal Kähler metrics, reductive groups compactifications and stationnary Lagrangians

Anogia Academic Village, June 27th - July 1st, 2016

Scheduled talks:

• Thibaut Delcroix, *Hermitian metrics on polarized group compactifications (I); Existence of Kähler-Einstein metrics (II).*
• Ludmil Katzarkov, *On K-stability of reductive varieties (I & II); Multiplier ideal sheaves, Kähler metrics and stability conditions (III).*
• Jason Lotay, *From Lagrangian to totally real geometry: coupled flows and calibrations.*
• Tommaso Pacini, *What's the volume of a totally real submanifold?.*
• Boris Pasquier, *Introduction to reductive algebraic groups (I); Introduction to spherical homogeneous spaces and spherical varieties (II); Fano horospherical varieties (III & IV).*
• David Petrecca, *Lagrangian submanifolds and related structures, homogeneous examples and Hamiltonian stability.*
• Yann Rollin, *Smoothing cscK surfaces (and minimal Lagrangians).*

Programme:

The talks are given in the Music Center, Room 2 (1st floor).

	Monday 27	*Tuesday 28*	*Wednesday 29*	*Thursday 30*	*Friday 1st*
10:00–10:50		Pasquier	Delcroix	Lotay	Delcroix
10:50–11:20	Welcome/Coffee	Coffee break	Coffee break	Coffee break	Coffee break
11:25–12:10	Pasquier	Pasquier	Delcroix	Lotay	Delcroix
12:20–13:10	Pasquier	Katzarkov		Petrecca	Delcroix
13:30	Lunch	Lunch	Early lunch and Excursion	Lunch	Lunch
17:00–17:50	Pacini	Katzarkov		Rollin	Mount Ida
17:50–18:20	Coffee break	Coffee break		Coffee break	Coffee break
18:20–19:10	Pacini	Katzarkov		Rollin	Good bye!
20:30		Conference dinner			

Talks are 45mns long + 5 mns question. There are long breaks to ask more questions to the speakers.