

Analysis of Monge-Ampère, a tribute to Ahmed Zeriahi
AMAZER 2021

Monday	Tuesday	Wednesday	Thursday	Friday
<i>registration</i>	Tô	Matsumura	Ortega-Cerda	*
Demailly	Witt-Nyström	Păun	Wulcan	Boucksom
Berman	Legendre	Diverio	Dinew	Tonnesen-Friedman
Di Nezza	Darvas	*	Coman	*
Tosatti	Collins	*	Jonsson	*
Kiselman	*	*	*	*

The talks will take place in the Lecture Hall "Amphi Schwartz" located on the first floor of the 1R3 building.

Talks that appear in red will be given online. Note that the list of online talks may still change at the last minute. Please contact the organizers if you wish to get the Zoom info.

Monday May 31

- 9h-10h30: Registration
- 10h30-11h30: J.-P.Demailly (Université Grenoble-Alpes, France)
On the Monge-Ampère volume of holomorphic vector bundles.
- 11h30-12h: *Coffee break*
- 12h-12h50: R.Berman (Chalmers University of Technology, Sweden)
From Kähler-Einstein metrics to zeros of zeta functions.
- 12h50-14h30: Lunch
- 14h30-15h20: E.Di Nezza (École Polytechnique, France)
Pluripotential theory : how to get singular Kähler-Einstein metrics.
- 15h30-16h: *Coffee break*

- 16h-16h50: V.Tosatti (McGill University, Canada)
Estimates for collapsing families of complex Monge-Ampère equations.
- 17h-17h30: C.Kiselman (Uppsala, Sweden)

Tuesday June 1

- 9h30-10h20: T.D.Tô (Sorbonne Université, France)
Convergence of the Kähler-Ricci flow on varieties of general type.
- 10h30-11h: *Coffee break*
- 11h-11h50: D.Witt-Nyström (Chalmers University of Tech., Sweden)
Deforming Kähler manifolds to normal bundles.
- 12h-12h50: E.Legendre (Université Paul Sabatier, France)
K-stability and weighted K-stability for Sasaki manifolds and Kähler cones.
- 12h50-14h30: Lunch
- 14h30-15h20:
T.Darvas (University of Maryland, USA)
The closure of test configurations and algebraic singularity types.
- 15h30-16h: *Coffee break*
- 16h-16h50: Tristan Collins (MIT, USA)
SYZ mirror symmetry for del Pezzo surfaces and rational elliptic surfaces.

Wednesday June 2

- 9h30-10h20: S.Matsumura (Tohoku University, Japan)
Structure theorem for projective klt pairs with nef anti-canonical divisor.
- 10h30-11h: *Coffee break*
- 11h-11h50: M.Păun (Bayreuth University, Germany)
Curvature formula for direct images of twisted relative canonical bundles.

- 12h-12h50: S.Diverio (La Sapienza University, Italy)
Pointwise universal Gysin formulae and positivity of characteristic forms.
- 12h50-14h30: Lunch
- Free afternoon

Thursday June 3

- 9h30-10h20: J.Ortega-Cerda (Barcelona University, Spain)
Optimal polynomial prediction.
- 10h30-11h: *Coffee break*
- 11h-11h50: E.Wulcan (Chalmers University of Technology, Sweden)
An extended Monge-Ampère operator.
- 12h-12h50: S.Dinew (Jagiellonian University, Poland)
Geodesics in the space of convex and plurisubharmonic functions.
- 12h50-14h30: Lunch
- 14h30-15h20: D.Coman (Syracuse University, USA)
Holomorphic sections of line bundles vanishing along subvarieties.
- 15h30-16h: *Coffee break*
- 16h-16h50: M.Jonsson (University of Michigan, USA)
Pluripotential theory over a trivially valued field.

Friday June 4

- 10h30-11h30: S.Boucksom (CNRS & École Polytechnique, France)
Measures of finite energy in complex and non-Archimedean geometry.
- 11h30-12h: *Coffee break*
- 12h-12h50: C.Tonnesen-Friedman (Union College, USA)
Iterated S^3 Sasaki Joins.

- 12h50-14h30: Lunch
- END