

Workshop GAIA-IF
From May 26 to May 30
Institut Fourier, Grenoble

Monday, May 26

Room 15

10h : Welcome

10h30-11h30 : H.Pajot (I.F.)

Curvature estimates and the geometric traveling salesman problem in the Heisenberg group

11h40-12h40 : P.Will (I.F.)

On discrete groups in complex hyperbolic geometry

12h45 – 14h15 : Lunch

Room 4

15h30-16h30 : J.Park (GAIA)

PSL(2,C)-Chern-Simons invariant for hyperbolic manifolds

16h45-17h45 : G.McShane (I.F.)

Geometric identities

Tuesday, May 27

Room 4

9h 30-10h30: K.T.Kim. (GAIA)

Generalizations of Forelli's theorem

10h35-10h50 : Break

10h50 - 11h50 : F. Dahmani (I.F.)

Isomorphisms problems for groups with hyperbolic geometries

12h-14h : Lunch

Room 4

14h-15h : S.Druel (I.F.)

On Fano foliations

15h15-16h15 : D.Hyeon (GAIA)

Generic state polytopes and stability

16h30-17h45 : Postdoc session

Wednesday, May 28

Room 4

9h 30-10h30: K.Hirachi (Univ. Tokyo)

Volume renormalization of complete Einstein-Kaehler manifolds and Burns-Epstein invariant

10h35-10h50 : Break

10h50 - 11h50 : D. Gayet (I.F.)

Universal components of random algebraic sets

12h-14h : Lunch

Room 4

14h-15h : S.Guillermou (I.F.)

Microlocal sheaf theory in symplectic geometry

15h15-16h15 : D.Kim (GAIA)

On the singularity of plurisubharmonic functions and their multiplier ideal sheaves

16h30-17h45 : Postdoc session

20h : Dinner

Thursday, May 29 : Free

Friday, May 30

Room 4

9h15-10h15: J.Choë (GAIA)

Noncommutative Minimal Surfaces

11h40-12h40 : J.P.Demailly (I.F.)

Strong openness conjecture and generalized Nadel vanishing theorem (after Guan-Zhou, Hiep and Cao)