

CIRM conference
Dynamics and Geometry in the Teichmüller
Space
July 6–10, 2015
PROGRAM

Monday

- Howard Masur 10-11h *Generic measures for interval exchange transformations*
- Greg Mcshane 11h15-12h15 *On renormalized volume*
- Alex Eskin 16h30-17h30 *On the algebraic hull of the Kontsevich-Zorich cocycle and applications to finiteness theorems*
- Vincent Delecroix 17h45-18h45 *The Hurwitz constant is isolated in each stratum*

Tuesday

- Curtis McMullen 10-11h *Coupled rotations and snow falling on cedars*
- Barak Weiss 11h15-12h15 *The real leaf of the Arnoux-Yoccoz surfaces*
- Giovanni Forni 16h30-17h30 *On the ergodicity of billiards in non-rational polygons*
- Ivan Dynnikov 17h45-18h45 *Stability of minimal interval exchange transformations*

Wednesday

- Adrien Sauvaget 9h-10 h *Cohomology classes of strata in the space of differentials*
- Samuel Grushevsky 10h15-11h15 *Limits of (real-normalized) meromorphic differentials and their zeroes on nodal Riemann surfaces*
- Ronen Mukamel 11h30-12h30 *Kronecker's congruence and Teichmüller curves in positive characteristic*

Thursday

- John Smillie 10-11h *The horocycle flow on eigenform loci*
- Jon Chaika 11h15-12h15 *On “circle” averages on flat surfaces*
- Corinna Ulcigrai 16h30-17h30 *Multiple mixing and Ratner property in area-preserving flows (based on joint work with Kanigowski and Kulaga)*
- Alex Wright 17h45-18h45 *The boundary of an affine invariant submanifold.*

Friday

- Simion Filip 10-11h *Zero Lyapunov exponents of the Kontsevich-Zorich cocycle*
- Martin Moeller 11h15-12h15 *Quasimodularity of Siegel-Veech constants and large genus*
- Samuel Lelievre/Thierry Monteil 13h30-14h30 *Everything is illuminated (except possibly for finitely many points)*
- Paul Apisa 14h45-15h45 *Classification of higher rank orbit closures in hyperelliptic components of strata and finiteness results for Teichmüller curves*