Geometry of Moduli Space of Low Dimensional Manifolds

December 14–18, 2015
Room 420, RIMS, Kyoto University
Access: http://www.kurims.kyoto-u.ac.jp/en/access-01.html

Program

Monday, December 14

9:30-10:30   **Athanase Papadopoulos** (University of Strasbourg, IRMA)
       "On the arc metric on Teichmüller space I"
10:40–11:40   **Athanase Papadopoulos** (University of Strasbourg, IRMA)
       "On the arc metric on Teichmüller space II"
13:10–14:10   **Viktor Schroeder** (University of Zürich)
       "Möbius structures on the boundary of hyperbolic spaces I "
14:20–15:20   **Viktor Schroeder** (University of Zürich)
       "Möbius structures on the boundary of hyperbolic spaces II"

Tuesday, December 15

9:30-10:30   **Ilya Kapovich** (University of Illinois at Urbana-Champaign)
       "Dynamics and geometry of fibered 3-manifolds and
          of free-by-cyclic groups I"
10:40–11:40   **Ilya Kapovich** (University of Illinois at Urbana-Champaign)
       "Dynamics and geometry of fibered 3-manifolds and
          of free-by-cyclic groups II"
13:10-14:10   **Krishnendu Gongopadhyay** (IISER, Mohali)
       "Bounded Euler number of actions of 2-orbifold groups on the circle"
14:20-15:20   **Kei Funano** (Kyoto University)
       "Estimates of eigenvalues of Laplacian
          by a reduced number of subsets I"
15:30–16:30   **Kei Funano** (Kyoto University)
       "Estimates of eigenvalues of Laplacian
          by a reduced number of subsets II"

Wednesday, December 16

9:30-10:30	**Suhyoung Choi** (KAIST)
	"TBA"
10:40–11:40	**William Goldman** (University of Maryland)
	"Dynamical systems arising from mapping class group actions on moduli spaces I"
11:50-12:50	**William Goldman** (University of Maryland)
	"Dynamical systems arising from mapping class group actions on moduli spaces II"

Thursday, December 17

9:30-10:30	**Samuel Lelievre** (Université Paris-Sud)
	"TBA I"
10:40–11:40	**Samuel Lelievre** (Université Paris-Sud)
	"TBA II"
13:10-14:10	**Takahiro Kitayama** (Tokyo Institute of Technology)
	"Representation varieties detect essential surfaces"
14:20-15:20	**Martin Bridgeman** (Boston College)
	"The Pressure metric for Anosov representations I"
15:30–16:30	**Martin Bridgeman** (Boston College)
	"The Pressure metric for Anosov representations II"

Friday, December 18

9:30-10:30	**Yoshihiro Ohnita** (Osaka City University)
	"TBA I "
10:40–11:40	**Yoshihiro Ohnita** (Osaka City University)
	"TBA II "
13:10-14:10	**Christian Bär** (University of Potsdam)
	"Index theory on Lorentzian manifolds I"
14:20-15:20	**Christian Bär** (University of Potsdam)
	"Index theory on Lorentzian manifolds II"