Geometry of Moduli Space of Low Dimensional Manifolds

December 12–16, 2016
Room 420, RIMS, Kyoto University
Access: http://www.kurims.kyoto-u.ac.jp/en/access-01.html

Program

Monday, December 12

10:30–11:30   **Martin Li** (Chinese University of Hong Kong)
                "Free boundary minimal surfaces I"
13:00–14:00   **Martin Li** (Chinese University of Hong Kong)
                "Free boundary minimal surfaces II"
14:10-15:10   **Hugo Parlier** (University of Fribourg)
                "Interrogating length spectra and quantifying isospectral finiteness I"
15:30–16:30   **Hugo Parlier** (University of Fribourg)
                "Interrogating length spectra and quantifying isospectral finiteness II"

Tuesday, December 13

9:50-10:50   **Hidekazu Furusho** (Nagoya University)
                "Kontsevich's eye and associators I"
11:00–12:00   **Hidekazu Furusho** (Nagoya University)
                "Kontsevich's eye and associators II"
13:30-14:30   **Sungwoon Kim** (Jeju National University)
                "Three-holed sphere groups in $\mathsf{PGL}(3, \mathbb{R})$, I"
14:40-15:40   **Jaejeong Lee** (Korea Institute of Adanace Study)
                "Three-holed sphere groups in $\mathsf{PGL}(3, \mathbb{R})$, II"

Wednesday, December 14

9:50-10:50   **Shyuichi Izumiya** (Hokkaido University)
"Geometric equivalence among smooth section-germs
of vector bundles with respect to structure groups I"

11:00-12:00   **Shyuichi Izumiya** (Hokkaido University)
"Geometric equivalence among smooth section-germs
of vector bundles with respect to structure groups II"

Thursday, December 15

10:30–11:30   **Greg Galloway** (University of Miami)
"On the geometry and topology of initial data sets
in General Relativity I "

13:30-14:30   **Greg Galloway** (University of Miami)
"On the geometry and topology of initial data sets
in General Relativity II "

15:00-15:50   **Hiroshi Isozaki** (University of Tsukuba)
"Inverse scattering on non-compact manifolds
with general metric I"

16:00–16:50   **Hiroshi Isozaki** (University of Tsukuba)
"Inverse scattering on non-compact manifolds
with general metric II"

Friday, December 16

9:40-10:40   **Shinpei Baba** (University of Heidelberg)
"Neck-Pinching of $\mathbb{C}P^1$-structures"

10:50–11:50   **Toshihiro Nakanishi** (Shimane University)
"Rational represerentation of mapping class group
acting on Teichmüller space I "

12:00– 13:00   **Toshihiro Nakanishi** (Shimane University)
"Rational represerentation of mapping class group
acting on Teichmüller space II "