International Research Network Project “Symmetry, Topology and Moduli”
The 3rd International Workshop
“Geometry of Submanifolds and Integrable Systems”
Umeda Satellite 103, Osaka City University
December 2nd – 6th, 2019

Program

December 2nd, 2019

13:30-14:10  Registration
14:10-14:20  Opening (Masashi Yasumoto & Yoshihiro Ohnita)
14:20-15:20  Josef Dorfmeister (Technische Universität München, Germany)
              A look at integrable surface classes (1)
16:00-17:00  Eduardo Mota Sánchez (University College Cork, Ireland)
              Unitarising the monodromy of generalised Heun’s Differential Equations

December 3rd, 2019

10:00-11:00  Lynn Heller (Leibniz Universität Hannover, Germany)
              Isothermic Constrained Willmore Tori in the 3-Sphere (1)
11:30-12:00  Tadashi Udagawa (Waseda University, Japan)
              Classification of Smyth-potentials in terms of the resulting CMC-immersions,
              and applications
14:20-15:20  Seiichi Udagawa (Nihon University, Japan)
              Affine spheres and finite gap solutions of Tzitzéica equation (1)
16:00-17:00  Thomas Raujouan (Université de Tours, France)
              Construction of embedded n-noids in hyperbolic space

18:30-  Banquet

December 4th, 2019

10:00-11:00  Seiichi Udagawa (Nihon University, Japan)
              Affine spheres and finite gap solutions of Tzitzéica equation (2)
11:30-12:30  Josef Dorfmeister (Technische Universität München, Germany)
              A look at integrable surface classes (2)

14:20-  Free Discussion
December 5th, 2019

10:00-11:00  Hiroki Fujino (Nagoya University, Japan)
Duality of boundary value problems of minimal and maximal surfaces

11:30-12:00  Yuichi Kuno (International Christian University, Japan)
The open $tt^*$-Toda equation and an explicit formula for Iwasawa factorization

14:20-15:20  Lynn Heller (Leibniz Universität Hannover, Germany)
Isothermic Constrained Willmore Tori in the 3-Sphere (2)

16:00-17:00  Luis Pedro Castellanos Moscoso (Osaka City University, Japan)
A classification of left-invariant symplectic structures on some Lie groups

December 6th, 2019

10:00-11:00  Seiichi Udagawa (Nihon University, Japan)
Affine spheres and finite gap solutions of Tzitzéica equation (3)

11:30-12:30  Lynn Heller (Leibniz Universität Hannover, Germany)
Isothermic Constrained Willmore Tori in the 3-Sphere (3)

14:20-14:50  Kazumi Tsukada (Ochanomizu University, Japan)
Lagrangian submanifolds of $S^6$ and the associative Grassmann manifold

15:10-16:10  Josef Dorfmeister (Technische Universität München, Germany)
A look at integrable surface classes (3)

16:10- Closing