

Workshop on Differential Geometry, Topology and Mathematical Physics, Gwangju-2019

Mar. 29(Fri) –Mar. 30(Sat), 2019
Department of Mathematics, Chonnam National University

Program

Mar. 29(Fri) [Lecture Room 310, Math Dept.]

(Chair: S. Chun)

09:30-10:10 Jong Taek Cho: Levi-form on real hypersurfaces of Kähler manifolds

(10min. break)

10:20-11:10 Makoto Kimura: Ruled submanifolds in complex space forms

(10min. break)

11:20-12:10 Jin Hong Kim: Numerical invariants of convex polytopes

12:10-14:00 (Lunch)

(Chair: J. Kim)

14:00-14:50 Jinsung Park: Renormalized volumes of quasi-Fuchsian 3 manifolds

(10min. break)

15:00-15:50 Hyunsuk Kang: Extrinsic curvature flows on hypersurfaces in
Euclidean spaces

(10min. break)

(Chair: J. Cho)

16:00-16:50 Un Cig Ji: Quantum white noise derivatives and implementation
problems

(10min. break)

17:00-17:50 JaeHyouk Lee: Calibrated geometry for noncompact manifolds

18:30-20:00 (Banquet)

Mar. 30(Sat) [Lecture Room 310, Math Dept.]

(Chair: J. Lee)

9:30-10:20 Kaname Hashimoto: Bicomplex extensions of zero mean curvature surfaces

(10min. break)

10:30-11:10 Sun Hyang Chun: Unit tangent sphere bundles with pseudo-Hermitian almost CR-structure

(10min. break)

11:20-12:00 Ji-Eun Lee: Extensions of Legendre curve in contact manifolds

12:00-14:00 (Lunch)

14:00-18:00 Discussions