The First Japan-Taiwan Joint Conference on Differential Geometry &
the 8th TIMS-OCAMI-WASEDA Joint International Workshop on
Differential Geometry and Geometric Analysis

Program

Dec. 13, 2016 Tuesday (Morning Chair Martin Guest, afternoon chair River Chiang)		
9:30 ~ 9:50	Registration	
9:50 ~ 10:00	Opening Session	
10:00 ~ 10:45	Mu-Tao Wang (Columbia University)	Surface geometry and general relativity
10:45 ~ 11:00	Break	
11:00 ~ 11:45	Kota Hattori (Keio University)	The nonuniqueness of tangent cones at infinity of Ricci flat manifolds
11:45 ~ 14:00	Lunch Break	
14:00 ~ 14:45	Chih-Wei Chen National Taiwan University	Curvature estimates of the Ricci flow based on Ricci curvature
14:45 ~ 15:00	Coffee Break	
15:00 ~ 15:45	Kuo-Wei Lee National Taiwan University	Constant mean curvature foliations in the extended Schwarzschild spacetime
15:45 ~ 16:15	Coffee Break	
16:15 ~ 17:00	Takashi Sakai Tokyo Metropolitan University,	The intersection of two real flag manifolds in a complex flag manifold
18:00 ~ 20:00	Conference Banquet : Second Floor, Takeuchi Lounge, Building 55	

Dec. 14, 2016 **Wednesday** (Morning Chair Nan-Kuo Ho, afternoon chair Yoshihiro Ohnita)		
10:00 ~ 10:45	Hajime Fujita Japan Women's University	Localization of index via torus fibrations and a Danilov-type formula for toric origami manifolds
10:45 ~ 11:00	Break	
11:00 ~ 11:45	Chih-Chung Liu National Cheng Kung University,	Bubble Tree for Vortex Moduli Spaces
11:45 ~ 14:00	Lunch Break	
14:00 ~ 14:45	Naoyuki Koike Tokyo University of Science,	Volume-preserving mean curvature flow for tubes with boundary in symmetric spaces
14:45 ~ 15:00	Coffee Break	
15:00 ~ 15:45	Chung-Jun Tsai National Taiwan University	Calibrated submanifolds in bundle manifolds of special holonomy
15:45 ~ 16:15	Coffee Break	
16:15 ~ 17:00	Ziming Ma National Taiwan University	From Witten-Morse theory to SYZ mirror symmetry

Dec. 15, 2016 Thursday (Chair: Chun-Chi Lin)		
10:00 ~ 10:45	Keizo Hasegawa	Homogeneous locally conformally Kaehler and Sasaki manifolds
10:45 ~ 11:00	Break	
11:00 ~ 11:45	Shin-ichi Ohta	Nonlinear geometric analysis on Finsler manifolds

Dec. 16, 2016 **Friday** (Morning chair Miyuki Koiso, afternoon chair Shu-Cheng Chang)		
10:00 ~ 10:45	Kazunaga Tanaka Waseda University	Domain shape and multiplicity of positive solutions for nonlinear elliptic equations
10:45 ~ 11:00	Break	
11:00 ~ 11:45	Chiung-Jue Sung National Tsing Hua University,	Poisson equation and its applications
11:45 ~ 14:00	Lunch Break	
14:00 ~ 14:45	Akane Nakamura Josai University	Isospectral limit of the Painleve-type equations and degeneration of curves
14:45 ~ 15:00	Coffee Break	
15:00 ~ 15:45	Kwok-Kun Kwong National Cheng Kung University	Weighted Hsiung-Minkowski formulas and rigidity of hypersurfaces
15:45 ~ 16:15	Coffee Break	
16:15 ~ 17:00	Chin-Tung Wu National Pingtung University	CR Reilly formula and its applications

Dec. 17, 2016 **Saturday** (Morning chair TBA, afternoon chair Mao-Pei Tsui)		
10:00 ~ 10:45	Chun-Chi Lin National Taiwan Normal University	On the gradient flow of elastic open curves with fixed length and clamped ends
10:45 ~ 11:00	Break	
11:00 ~ 11:45	Hajime Ono Saitama University,	Volume minimization principle for conformally Kaehler Einstein-Maxwell metrics
11:45 ~ 14:00	Lunch Break	
14:00 ~ 14:45	Asuka Takatsu Tokyo Metropolitan University,	Riemannian Wasserstein geometry on the space of Gaussian measures over the Wiener space
14:45 ~ 15:00	Coffee Break	
15:00 ~ 15:45	Shinichiro Matsuo Nagoya University	Yamabe invariants and the twisted Seiberg-Witten equations
15:45 ~ 16:15	Coffee Break	
16:15 ~ 17:00	Chung-I Ho National Kaohsiung Normal University	Minimal genus problem
	End of Conference	