# JMM Workshop on Applied Functional Analysis

Department of Mathematics, Graduate School of Science, Josai University

**Venue**: Room 406, The 1st Building, Sakado Campus, Josai University

**Date**: November 25, 2017

**Program**:

9:30 – 9:55   Yusuke SHIMIZU (Josai University)
*Asymptotic behavior of regularized estimator under multiple and mixed-rates asymptotics*

9:55 – 10:20   Toshiko OGIWARA (Josai University)
*On the behavior of solutions for Lanchester square-law models with time-dependent coefficients*

10:20 – 10:45   Hiroshi YAMAGUCHI (Josai University)
*Measures of analytic type and semicharacters*

10:50 – 11:15   Yasunari FUKAI (Kyushu Dental University)
*A property of random walks on a cycle graph*

11:15 – 11:40   Enji SATO (Yamagata University)
*Operating functions in harmonic analysis*

11:40 – 12:05   Jun KAWABE (Shinshu University)
*Convergence theorems of nonlinear integrals*

13:15 – 13:40   Shigeru FURUICHI (Nihon University)
*Some operator inequalities related to means and entropies*

13:40 – 14:05   Yuki SEO (Osaka Kyoiku University)
*Tsallis relative operator entropy of negative order*

14:05 – 14:30   Jun Ichi FUJII (Osaka Kyoiku University)
*Quantum gates and TQC*

14:35 – 15:00   Sachiko ATSUSHIBA (University of Yamanashi)
*Weak and strong convergence theorems for some classes of nonlinear mappings*

15:00 – 15:25   Takanori IBARAKI (Yokohama National University)
*A shrinking projection method for zero point problems with nonsummable errors*

15:25 – 15:50   Koji AOYAMA (Chiba University)
*Strongly quasinonexpansive mappings*


15:55 – 16:20   Hiroshi MIYASHITA (The University of Kitakyushu)
*Semidefinite programming approach to combinatorial optimization*

15:55 – 16:20   Sin-Ei TAKAHASI (Yamagata University)
*On classification of commutative Banach algebras and Banach modules*