Program of the 5th MSJ-SI Schubert Calculus Summer School

July 17th to 20th

9:30-10:30   Takeshi Ikeda
             Equivariant Schubert polynomials

10:50-11:50 Allen Knutson
             Schubert calculus and puzzles

14:00-15:00 Sara Billey
             Consequences of the Lakshmibai-Sandhya Theorem;
             the ubiquity of permutation patterns in Schubert calculus
             and related geometry

15:30-16:30 Thomas Lam
             Affine Schubert calculus

16:45-17:45 Frank Sottile
             Experimentation in the Schubert Calculus

Conference

July 23rd (Mon.)

9:30–10:30   Anders Buch
             The Puzzle conjecture for 2-step flag varieties

10:50–11:50 Alexander Yong
             Schubert calculus via root datum and sliding laws

14:00–15:00 Peter Fiebig
             Parity sheaves, Moment graphs and KL-polynomials

15:30–16:30 Mark Shimozono
             Chevalley rule for equivariant K-theory of Kac-Moody
             flag manifolds

16:45–17:45 Dave Anderson
             Equivariant quantum Schubert polynomials, transversality
             and positivity

July 24th (Tue.)

9:30–10:30   Leonardo Mihalcea
             Curve neighborhoods of varieties in flag manifolds

10:50–11:50 K. N. Raghavan
             RSK Correspondence and KL Cells

14:00–15:00 Masaki Nakagawa
             K-homology of the space of loops on a symplectic group