Program - Second Workshop on Graphs and Matroids

Starting times of 50 minute talks are set in italics and of 25 minute talks in roman.

**Monday**
- **9.00** Paul Seymour: Disjoint paths in tournaments
- **10.20** Jim Geelen: On minor closed classes of GF(4)-representable matroids
- **11.10** Maria Chudnovsky: Rao’s degree sequence conjecture and tournament WQO
- **3.45** James Oxley: Some unsolved problems in matroid theory
- **4.55** Neil Robertson: Open questions on well-quasi-order

**Tuesday**
- **9.00** Geoff Whittle: Inequivalent representations of matroids over prime fields
- **9.50** Mike Newman: Lost axiom of real representability
- **10.45** Tony Huynh: Curves on group-labelled surfaces
- **11.10** Bertrand Guenin and Irene Pivotto: Representations of even cycles and even cut matroids
- **3.45** Dillon Mayhew: Binary matroids with no $M(K_{3,3})$-minor
- **4.55** Gordon Royle: Towards a description of the internally 4-connected binary matroids with no $M(K_5)$ minor and related families
- **5.20** Peter Nelson: Density and projective geometries in matroids with no $U_{a,b}$-minor

**Wednesday**
- **9.00** Dave Wagner: Some relatively recent progress on negative correlation
- **9.50** Joseph Kung: Matroids whose characteristic polynomials have only integer roots
- **10.45** Luke Postle: Six-critical graphs
- **11.10** Oguz Kurt: On the edge-cover colorings of graphs
- **11.35** Carl Yerger: Steinberg’s conjecture on higher surfaces

**Thursday**
- **9.00** Stefan van Zwam: Towards Rota’s conjecture for GF(5): stability, fragility, branch width, and tangles
- **9.50** Carolyn Chun: Fragility in matroids
- **10.45** Rhiannon Hall: On the GF(7) representable 5-skeletons
- **11.10** Petr Hliněný and Robert Ganian: How ”good” digraph width measures do/can we have?
- **11.35** Henry Crapo: On adjoints of matroids (matroids of circuits)
- **3.45** Dan Slilaty: Gain graphs and some of their usages
- **4.55** Lucas Rusnak: Oriented hypergraphs, balance, and representable matroids
- **5.20** Rudi Pendavingh: Recognizing sixth-root-of-unity graphs

**Friday**
- **9.00** Kristina Vušković: Combinatorial optimization algorithms for hereditary graph classes
- **9.50** Yori Zwols: Even pairs and the circular chromatic number of $K_4$-free graphs with no odd holes
- **10.45** Deb Chun: Pairs of elements in unavoidable, 3-connected binary matroids
- **11.10** Charles Semple: A wheels-and-whirls theorem for 3-connected matroids
- **11.35** Jeremy Aikin: 4-separations in 4-connected matroids
- **3.45** Sandra Kingan: Inequivalence in representable matroids
- **4.10** Joseph Bonin: The excluded minors of lattice path matroids
- **4.55** Sergey Norine: Asymptotic extremal graph theory is non-trivial