Cycles, flows, and colouring

Organizer:
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Description:
The purpose of this section is to present some recent development pertaining to colouring in graphs (circular choosability), graph polynomials, circuits in matroids, and max-flow min-cut type relations in binary matroids.

Titles and Speakers:

- *Light Circuits in Heavy Graphs*
  Luis Goddyn (Simon Fraser University), M. DeVos, B. Mohar and K. Kawarabayashi.

- *Why is the chromatic polynomial a polynomial?*
  Janos Makowsky (Technion IIT, Haifa), B. Zilber (University of Oxford)

- *Circular Choosability*
  Serguei Norine (Georgia Tech), Tsai-Lien Wong and Xuding Zhu.

- *Nowhere-zero 3-flows in Cayley graphs and Sylow 2-subgroups*
  Martin Škoviera (Comenius University, Bratislava).

- 1-*flowing matroids*
  Bertrand Guenin (University of Waterloo), P. Wollan, I. Pivotto.