Topological Graph Theory

Organizer(s):
Michael O. Albertson (Smith College)
Bojan Mohar (Simon Fraser University)

Description:
Graphs embedded on surfaces have been important mathematical objects for more than a century. The recent graph minors project has substantially increased this significance. This minisymposium will bring together six researchers to discuss some of their recent and ongoing contributions.

Titles and Speakers:

- *The orientable closed 2-cell embeddings of toroidal graphs*
  Xiaoya Zha, (Middle Tennessee State University), Mark Ellingham (Vanderbilt University)

- *Representativity of Cayley maps*
  Chris Stephens (Middle Tennessee State University)

- *Progress on the orientable genus of complete tripartite graphs (preliminary report)*
  Mark Ellingham (Vanderbilt University), Chris Stephens (Middle Tennessee State University), Xiaoya Zha (Middle Tennessee State University)

- *Variants of nearly planar graphs (preliminary report*
  Michael O. Albertson (Smith College)

- *Trading Handles for Crossings*
  Matt DeVos (Simon Fraser University), Bojan Mohar (Simon Fraser University), Robert Šámal (Simon Fraser University)

- *Crossing number of nearly planar graphs*
  Bojan Mohar (Simon Fraser University)