

## Knot Theory and Applications Special Session A2

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Knot theory is a very fertile branch of low-dimensional topology with ramifications in many other areas of mathematics and natural sciences. The goal of this special session is to enable an exchange of methods and ideas as well as exploration of fundamental research problems in the fields of knot theory and low-dimensional topology, from theory to applications in mathematics and science, and to provide high quality interactions across fields. The talks will touch upon the themes below:

- algebraic, categorical and combinatorial invariants in knot theory
- interplay between links and braids
- representations of knot theory in 3-manifolds
- use of knot theory in biological and biochemical models.

The session is scheduled on July 23-24.