

*Speaker:* **Kamada, Seiichi**

*Title:* *Braids and links in dimension four*

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*Abstract:* Braid theory and knot theory are related to each other via the Alexander and Markov theorem. This situation is generalized into dimension four; namely the theories of 2-dimensional braids and 2-dimensional knots (or knotted surfaces) in 4-space. I will give an introduction to this and discuss some of recent results in this field.