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**Friday
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3:30 PM

**Research &
Innovation
Centre 209
and on Zoom**

Topology and Azumaya algebras

An Azumaya algebra is something that is "locally" isomorphic to a matrix algebra. By varying the sense of "locally", we arrive at different incarnations of the concept. The motivating example is that of central simple algebras over a field. In this talk, I will concentrate on the topological aspects of the idea. I will give examples and show that the flexibility of topology allows one to produce counterexamples in algebra. At the end, I will mention some problems I do not know how to solve.

Live streamed on Zoom. Register in advance for link:
https://uregina-ca.zoom.us/meeting/register/tJYrdOGhrj4qG9YLTQVGGUWuH1mWofAQJIHL

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