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## Around heat kernel

*Friday 30 September 2022 10:00 (1 hour)*

First, I present a few properties of heat kernel and its trace and then, revisit the way of computing the coefficients of the heat trace asymptotics for a differential operator acting on a fiber bundle over a Riemannian manifold in a way which avoids entering within the pseudodifferential theory.

**Presenter:** IOCHUM, Bruno

**Session Classification:** 30-morning