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## Formalizing topological entropy in Lean

*Friday, 21 June 2024 10:10 (50 minutes)*

I will present a project to formalize some elements of topological dynamics in Lean, and its current advancement. A special emphasis will be given to many design decisions, and how they arise from the interaction between a well-established mathematical theory and a proof assistant.

**Presenter:** THOMINE, Damien (Université Paris-Saclay)