

# Model theoretic reformulations of the Connes embedding problem

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Workshop on sofic and hyperlinear groups  
and the Connes embedding conjecture

(Universidade Federal de Santa Catarina, Florianópolis, Brasil)

After recalling the fundamental notions of the logic for tracial von Neumann algebras, I will present several reformulations of the Connes Embedding Problem in this framework due to Farah, Goldbring, Hart, and Sherman.