

Categorical algebra and geometry (SP convidada)

Organizador: Marco Mackaay (CAMGSD and Universidade do Algarve)

Descrição da proposta de sessão paralela: In this parallel session there will be three talks on certain (n-)categorical structures which play a role in geometric quantization and representation theory.

Orador 1 - Pedro Vaz (Université Catholique de Louvain), *Growth problems in monoidal categories*.

Orador 2 - John Huerta (CAMGSD - Instituto Superior Técnico), *The prequantum 2-Hilbert space*.

Orador 3 - James Macpherson (CAMGSD - Instituto Superior Técnico), *Evaluation 2-functors for categorified affine $sl(n)$ (for $n=3$)*.