CENTRO DE
MATEMÁTICA
UNIVERSIDADE DO PORTO

Moduli of Representations of Quivers with Multiplicities

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Abstract. After reviewing the classical theory of quiver moduli spaces via Mumford's reductive GIT, I will report on joint work with Victoria Hoskins and Tanguy Vernet which constructs moduli spaces for representations of quivers with multiplicities. Along the way I will indicate the challenges posed by this generalisation, namely the non-reductivity of the groups we need to quotient by, and outline the theoretical developments (joint with Eloise Hamilton and Victoria Hoskins) that make this possible.

WEDNESDAY, SEPTEMBER 3   14H00   ROOM FC1-1.09

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There will be coffee after the talk.