Knot theory and beyond

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Descrição da proposta de sessão paralela:
Knot theory has originally started as a topic fully within low-dimensional topology, yet it turned out to be a melting pot for numerous different fields, including representation theory, algebraic topology, statistical physics, mathematical physics, etc... In this parallel session we plan to present recent advances both in knot theory, as well as in other areas that are motivated by connections with knot theory.

Orador 1 - João Nogueira, Universidade de Coimbra
Título: Knot exteriors with all compact surfaces of positive genus
essentially embedded

Orador 2 - Marco Mackaay, Universidade do Algarve
Título: Kostant's problem for fully commutative permutations

Orador 3 - Marko Stošić, Instituto Superior Técnico
Título: Generalized knots-quivers correspondence