

Group theory and applications

Organizador: Claude Marion - Centro de Matemática da Universidade do Porto

Descrição da proposta de sessão paralela: The objective of this parallel session is to illustrate how different group-theoretical techniques and tools can be applied to study and possibly solve various problems, in group theory and other areas of algebra, as well as in geometry. The focus will be on free groups, semigroups and regular polytopes.

Orador 1 - João Araújo (Universidade Nova de Lisboa): Group theory applied to semigroups

Orador 2 - Maria Elisa Fernandes (Universidade de Aveiro): The groups of abstract regular polytopes

Orador 3 - Jordi Delgado (Universitat Politècnica de Catalunya): On multiple intersections of subgroups