

Non-associative algebras in Functional Analysis

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Descrição da proposta de sessão paralela: It is well-known that classical operator algebras can be equipped with several new products, such as the commutator or anti-commutator product and various triple products, which makes them an interesting object of study in the context of general non-associative algebras. In this session, we present some structural results on such algebras and investigate linear maps on them.

Orador 1 - Antonio Peralta (University of Granada, Spain)
Cartan factors, tripotents and Wigner's theorem

Orador 2 - Lina Oliveira (Instituto Superior Tecnico, Portugal)
Non-associative algebras of operators

Orador 3 - Shan Shan Su (University of Granada, Spain)
On the equivalence of generalized derivations whose domain is a C^ -algebra*