Analysis Seminar

Title: Some recent progress on Lipschitz-free spaces

Speaker: Gilles Godefroy (Institut de Mathématiques de Jussieu)

Date: Tue 30th April 2024 at 3:00PM

Location: E0.32 (beside Pi restaurant)

Abstract: Lipschitz-free spaces $\mathcal{F}(M)$ are Banach spaces which are canonically associated with metric spaces, and they provide a proper way to transfer results on metric spaces to the realm of separable Banach spaces. We will display some recent progress along thee lines, in relation with Grothendieck's Approximation Property, and show for instance that every separable Banach space is isomorphic to a complemented subspace of a separable space which 'nearly' have the Bounded Approximation Property.

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