Workshop dedicated to the memory of Professor Gabriela Kohr
Geometric Function Theory in Several Complex Variables and Complex Banach Spaces

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Critical points, Blaschke products and beyond

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Abstract

We survey some recent results concerning boundary rigidity properties of holomorphic self-maps of the unit disk, critical sets of Hardy space functions, zero sets of Bergman space functions, and the invariant subspace problem for Bergman spaces (partly based on joint work with Filippo Bracci and Daniela Kraus).