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

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Conformal and harmonic mappings and planar domains

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Abstract

This talk focuses on the relations between conformal and harmonic mappings and connected planar domains in $\mathbb{C}$ that depend smoothly on a real parameters. We present convex and non-convex domains with its applications in Geometric Functions Theory.