*Workshop dedicated to the memory of Professor Gabriela Kohr*
*(6th edition)*
**Geometric Function Theory in Several Complex Variables and Complex Banach Spaces**
Cluj-Napoca, Romania November 27 – 29, 2026

# Presenting a joint paper of Gabriela Kohr

Mihai Iancu
Babeș-Bolyai University, Cluj-Napoca, Romania

**Abstract**

We will present the paper:
Peter Duren, Hidetaka Hamada, Gabriela Kohr, *Two-point distortion theorems for harmonic and pluriharmonic mappings*, Trans. Amer. Math. Soc. 363 (2011), 6197–6218.

We will discuss the background of the paper in geometric function theory, with a focus on complex-valued harmonic functions in the case of one complex variable, and on linearly invariant families on the unit ball in the case of several complex variables. Next, we will discuss the main results of the paper, which provide two-point distortion theorems for harmonic and pluriharmonic mappings.