Speaker: Loredana Lanzani
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Title: "A Real Analysis approach to the d-bar problem"

Abstract: In the first part of this talk I will give an overview of joint work with E. M. Stein concerning L^r-estimates of the Hodge system for forms in $\mathbb{R}^N$. In the second part I will discuss the following question: can these results be used to obtain new estimates of the d-bar problem for (p, q)-forms in $\mathbb{C}^n$?