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## Global holomorphic approximations of Cauchy-Riemann functions

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**Abstract:** The talk will be about global holomorphic approximations of Cauchy-Riemann (CR) functions defined on CR submanifolds in  $\mathbb{C}^n$ . Cauchy-Riemann manifolds are differentiable submanifolds in complex manifolds that satisfy some constant rank condition. CR functions, defined on CR manifolds, satisfy the so-called tangential CR equations. Some short history of the approximation problem will be given.

This is a common work with Al Boggess (Texas A&M University).

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