Temple University Mathematics Colloquium

Joseph Kohn

Princeton University

will speak on

Analysis on CR manifolds

ABSTRACT: Let M be the boundary of a bounded domain $\Omega \in \mathbb{C}^n$. The completed CR structure on M consists of the set of first order pseudo differential operators whose null spaces contain the boundary values of holomorphic functions on Ω. We define the CCR structure on M to be this set of operators. I will discuss how to use this structure to prove theorems about the underlying CR structure and how to define a CCR structure on a CR manifold.

Monday, February 16, 2015
Lecture at 4:00 pm
Coffee, tea, and refreshments from 3:40 pm
Room 617, Wachman Hall
Department of Mathematics