ALGEBRA AND DIFFERENTIAL GEOMETRY/PDE SEMINAR

Wednesday, October 5, 2005
Padelford C-36
3:50-5pm

Algebraic methods in the theory of finite type domains

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Local boundary regularity for the $\bar{\partial}$-Neumann problem on real-analytic weakly pseudoconvex domains of finite type was established by Kohn using subelliptic multiplier ideals. In this talk, we will show how algebraic geometric methods can be used to gain a better (effective) understanding of the notion of finite type itself and of local boundary regularity.

For more information about this seminar, visit the DG/PDE Seminar Web page (from the Math Department home page, `www.math.washington.edu`, follow the link **Seminars, Colloquia, and Conferences**).