DIFFERENTIAL GEOMETRY/PDE SEMINAR

Monday, January 26
Padelford C-401
3:45 pm

Singular FIOs, finite type conditions, and traces of solutions to hyperbolic equations

Andrew Comech
(Fields Institute - University of Toronto)

We consider how continuity properties of singular FIOs depend on the geometry of associated canonical relations, in terms of finite type conditions.

The results are then applied to the study of smoothness of the restrictions of solutions to second order hyperbolic equations onto time-like hypersurfaces.

For more information about this seminar, view the Differential Geometry/PDE Seminar World-Wide Web page at `http://www.math.washington.edu/DGPDE/dg.html` or from the **Seminars, Colloquia, and Conferences** section of the Math Department home page.