

MA T H E M A T I C A L PH Y S I C S SE M I N A R

Rutgers University
Hill Center - Room 705

Henri Poincare, a founding father of the modern theory of PDEs

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Abstract

I will discuss some contributions of Henri Poincar which have had a major impact on the development of PDEs in the 20th century; in particular, the solution of the Laplace equation, the spectral theory for the Laplacian, and much more. Poincar also had prophetic insights about the role of PDEs within Mathematics.