The Institute for Computational and Experimental Research in Mathematics

Complex and Arithmetic Dynamics

January 30, 2012 – May 4, 2012

Program Description: Many computational and graphical tools have been developed for the study of complex dynamics, tools that have been of immense value in the development of the complex theory. Among the goals of the program will be the development of a comprehensive set of tools for studying p-adic and arithmetic dynamics. This semester-long program will be centered around three broad topics, for each of which an international workshop will be held.

Workshop 1: Complex and p-adic Dynamics
February 13–17, 2012

Workshop 2: Global Arithmetic Dynamics
March 12–16, 2012

Workshop 3: Moduli Spaces Associated to Dynamical Systems
April 16–20, 2012

Participation: ICERM welcomes applications for long- and short-term visitors. Support for local expenses may be provided. Applications may be submitted at any time until the end of the semester program and will be considered as long as funds and space remain available. ICERM encourages women and members of underrepresented minorities to apply. More information and an application is available online.

About ICERM: The Institute for Computational and Experimental Research in Mathematics is a National Science Foundation Mathematics Institute at Brown University in Providence, RI. Its mission is to broaden the relationship between mathematics and computation.

http://icerm.brown.edu

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