



DVR 0065528

#### ESI Programme on "Minimal Energy Point Sets, Lattices and Designs" September 29 - November 21, 2014

#### organized by Christine Bachoc (U Bordeaux), Peter Grabner (Graz U of Technology), Edward B. Saff (Vanderbilt U, Nashville), Achill Schürmann (U Rostock):

# Preparatory Lectures for the ESI Workshop on

# "Optimal Point Configurations and Applications"

## Sunday, October 12, 2014

## at TU Wien - Vienna University of Technology

10:00 – 12:00 **Douglas Hardin** 

Fundamentals of potential theory and discrete minimal energy problems

12:00 - 14:00 lunch break

14:00 – 16:00 **Henry Cohn** *Packing, coding, and ground states: from information theory to physics* 

**These lectures take place at TU Wien - Vienna University of Technology, Wiedner Hauptstraße 8 - 10, 1040 Wien.** Best reached by Metro (lines U1, U2, U4), getting off at the station "Karlsplatz", using the exit "Karlsplatz. The exact venue there will be advised.