

**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 26, 2014**

**at TU Wien - Vienna University of Technology**

10:00 – 12:00 **Frank Vallentin**

*Mathematical optimization for packing problems*

12:00 – 14:00 *lunch break*

14:00 – 16:00 **Renaud Coulangeon**

*Lattice sphere packings, Voronoi theory and spherical designs: old and new*

**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.