Workshop on Geometric and Topological Combinatorics

- A satellite conference of ICM 2006 -

UNIVERSIDAD DE CANTABRIA

Universidad de Alcalá

MINISTERIO DE EDUCACIÓN Y CIENCIA

Alcalá de Henares (Madrid, SPAIN)
August 31-September 5, 2006

http://www2.uah.es/gtc06

Geometric and/or topological combinatorics concerns discrete structures that arise in a wide array of mathematical contexts, ranging from enumerative questions about polytopes and other constructions from linear algebra to the topology of manifolds and algebraic varieties. This workshop is intended as an informal discussion forum for people from such fields as combinatorics, discrete geometry, algebraic geometry, convex geometry, algebraic topology, combinatorial optimization and theoretical computer science, among others.

Invited speakers:
Alexander Barvinok
Stefan Felsner
Victor Reiner
Neil Sloane
Ileana Streinu

Scientific committee:
Christos Athanasiadis (Athens)
Imre Bárány (Budapest)
Anders Björner (Stockholm)
Jesús A. de Loera (Davis)
Günter Rote (Berlin)
Francisco Santos (Santander)
Emo Welzl (Zürich)

Organizing committee:
Manuel Abellanas (Madrid)
David Orden (Alcalá)
Julian Pfeifle (Barcelona)
Pedro Ramos (Alcalá)
Francisco Santos (Santander)

This activity is coordinated with the advanced course Combinatorial and Computational Geometry: Trends and topics for the future, organized by the Centre de Recerca Matemàtica (http://www.crm.es/ComputationalGeometry). Both will take place in the same days and place, with sessions of one and the other intertwined. Registration and accomodation for both events are maintained by the CRM.

Call for posters

The workshop will include a poster session, in which all attendants will be allowed to present their recent work. Some posters will be selected for oral presentation as a short communication (about 15 minutes). Which of them and how many will be decided during the workshop. If you are interested in presenting a poster, please contact the organizers in advance. Send an email to santosf@unican.es with a short abstract (Title, authors and some 100 to 200 words, in Latex format). Abstracts will be distributed during the workshop. **Deadline for abstract submission: June 30**