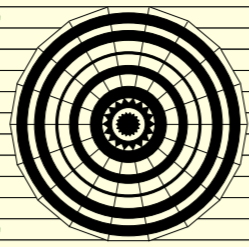


ECC 2018



6TH ENCUENTRO COLOMBIANO DE COMBINATORIA

# CIMPA research school: Combinatorics meets Algebra, Geometry and Optimization

June 5 - 16, 2018

Universidad del Norte, Barranquilla, Colombia

## MINICOURSES

**Vic Reiner** (University of Minnesota)  
*Reflection groups and enumeration*

**Rekha Thomas** (University of Washington)  
*Polynomial optimization*

**Lauren Williams** (University of California, Berkeley)  
*Introduction to total positivity and cluster algebras*

**Günter Ziegler** (Freie Universität Berlin)  
*Polytopes - Extremal examples and combinatorial parameters*

**Viviane Pons** (Université Paris-Sud)  
*Mathematics software SageMath tutorials*

## TALKS

The school will include a number of research talks. To submit a talk, please visit the event's website.

## DEADLINE

The deadline for registration, applying to financial support and/or proposing a talk is January 28, 2018.

## CONTACT

[ecco2018@googlegroups.com](mailto:ecco2018@googlegroups.com)

For more information, please visit: <http://ecco2018.combinatoria.co>

