

# Interactions Between Hyperbolic Geometry, Quantum Topology and Number Theory

Workshop: Wednesday June 3rd - Saturday June 13th 2009  
Conference: Monday June 15th - Friday June 19th 2009

**Columbia University, New York**

[www.math.columbia.edu/~volconf09/](http://www.math.columbia.edu/~volconf09/)

## Workshop for graduate students and recent PhDs

The 10-day workshop will feature minicourses in hyperbolic geometry, quantum topology and number theory. Each speaker will give a minicourse consisting of 3 to 4 talks.

### Speakers

**Stephane Baseilhac** (Université de Grenoble)  
**Francis Bonahon** (U. Southern California)  
**Marc Culler** (U. Illinois Chicago)  
**Dave Futer** (Temple U.)  
**Stavros Garoufalidis** (Georgia Tech.)  
**Sergei Gukov** (UC Santa Barbara)  
**Rinat Kashaev** (Université de Genève)  
**Thang Le** (Georgia Tech.)  
**Gregor Masbaum** (Université Paris Diderot)  
**Hitoshi Murakami** (Tokyo Institute of Tech.)  
**Walter Neumann** (Barnard College, Columbia U.)  
**Jessica Purcell** (Brigham Young U.)  
**Fernando Rodriguez Villegas** (UT Austin)  
**Dylan Thurston** (Barnard College, Columbia U.)  
**Genevieve Walsh** (Tufts U.)

## Research Conference Confirmed Speakers

**Abdelmalek Abdesselam** (U. Virginia)  
**Stephane Baseilhac** (Université de Grenoble)  
**Steve Boyer** (UQAM, Montreal)  
**Francesco Costantino** (IRMA, Strasbourg)  
**Charlie Frohman** (U. Iowa)  
**Dave Futer** (Temple U.)  
**Stavros Garoufalidis** (Georgia Tech.)  
**Patrick Gilmer** (LSU)  
**Sergei Gukov** (UC Santa Barbara)  
**Bus Jaco** (Oklahoma State U.)  
**Rinat Kashaev** (Université de Genève)  
**Alex Kontorovich** (Brown U.)  
**Greg Kuperberg** (UC Davis)  
**Thang Le** (Georgia Tech.)  
**Feng Luo** (Rutgers U.)  
**Gregor Masbaum** (Université Paris Diderot)  
**Hitoshi Murakami** (Tokyo Institute of Tech.)  
**Jessica Purcell** (Brigham Young U.)  
**Alan Reid** (UT Austin)  
**Adam Sikora** (SUNY Buffalo)  
**Roland van der Veen** (U. Amsterdam)  
**Genevieve Walsh** (Tufts U.)  
**Christian Zickert** (UC Berkeley)

**Support is available for the workshop and conference to graduate students and recent PhDs. Application Deadline: April 30th 2009**

To apply visit [www.math.columbia.edu/~volconf09/support.html](http://www.math.columbia.edu/~volconf09/support.html)

**Organizers:** **Abhijit Champanerkar** (CSI, CUNY), **Oliver Dasbach** (LSU), **Effie Kalfagianni** (MSU), **Ilya Kofman** (CSI, CUNY), **Walter Neumann** (Barnard College, Columbia U.), **Neal Stoltzfus** (LSU)

Funding is provided by the NSF through an FRG grant