

# Analytic Number Theory

Tuesday, September 1, 2009 (All day) - Wednesday, June 30, 2010 (All day)  
(2009-2010)

During the academic year of 2009-2010, Enrico Bombieri of the School and Peter Sarnak of Princeton University/Institute for Advanced Study will lead a program on analytic number theory.

The program will have an emphasis on analytic aspects, and particular topics that will be covered include the distribution of prime numbers, sieves, L functions, special sequences as well as additive and combinatorial methods, exponential sums, spectral analysis and modular forms.

Minicourses explaining some of the basic methods and tools connected with these topics will be held towards the beginning of each term, and a weekly seminar will take place on Tuesday afternoons. A week-long workshop highlighting recent developments connected with the program will be held during the week of March 14, 2010.

terms:

- [special year](#)