

Thematic programme

Group Actions in Number Theory

January to June, 2011

**Centre Interfacultaire
Bernoulli**



GANT Winter School
January 18 to 28, 2011

Courses

La conjecture de Sato-Tate

(J.-P. Serre)

**Modular forms, automorphic forms and
automorphic representations**

(E. Lapid and Ph. Michel)

**Point counting on algebraic varieties and
analytic number theory**

(T. Browning and R. de la Bretèche)

**Point counting on homogeneous varieties:
spectral and ergodic theoretic methods**

(M. Einsiedler and S. Mozes)

Sieve methods

(É. Fouvry and E. Kowalski)

**Sum-product phenomena, expansion in
groups and applications**

(H. Helfgott and P. Varjú)

Organizers: Philippe Michel (EPF Lausanne)
Emmanuel Kowalski (ETH Zürich)

FNSNF

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SCHWEIZERISCHER NATIONALFONDS
FONDO NAZIONALE SVIZZERO
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Programme information:

<http://cib.epfl.ch/>
<http://wiki.epfl.ch/gant>

European Research Council

