

Réseaux Euclidiens et Formes Modulaires 30 Sept. – 4 Octobre

Programme

* Lundi 30 Septembre

- 09.45–10.45 S. LITSYN, *New bounds for double–even self–dual codes*
- 10.45–11.15 Pause café
- 11.15–12.15 E. VITERBO, *Number fields and modulations for the fading channel*
- 12.30 Déjeuner

- 16.00–16.40 P. SOLE, *A survey of construction of lattices by codes over \mathbb{Z}_4*
- 16.45–17.00 Pause café
- 17.00–17.30 P. GABORIT, *Classification of self–dual codes over \mathbb{Z}_4*
- 17.40–18.10 C. BACHOC, *Some extremal lattices of minimum 8*
- 19.30 Diner

* Mardi 1er Octobre

- 09.30–10.30 G. NEBE, *Finite quaternionic matrix groups and their lattices*
- 10.30–10.45 Pause café
- 10.45–11.30 A. SCHIEMANN, *Classification of hermitian forms over quadratic fields with the neighbour method*
- 11.40–12.10 R. BACHER, *Dense lattices in dimensions 27 to 29*
- 12.30 Déjeuner

- 16.00–16.30 B. VENKOV, *Classification des réseaux unimodulaires sans racines en dimensions 27 et 28*
- 16.30–16.45 Pause café
- 16.45–17.15 R. COULANGEON, *Some remarks about tensor and alternating products of lattices*
- 17.20–17.50 F. SIGRIST, *Results and work in progress on cyclotomic forms*
- 17.55–18.25 H. KOCH, *The completeness principle for the Golay codes and some related codes*
- 19.30 Diner

* Mercredi 2 Octobre

- 09.30–10.30 T. SHIODA, *Genus 2 curves over $Q(T)$ with high rank*
- 10.30–10.45 Pause café
- 10.45–11.30 J. MARTINET, *The index of a sublattice*
- 11.40–12.10 D.–O. JAQUET, *Considérations géométriques et exemple de classification en dimension 4*
- 12.30 Déjeuner
- APRES–MIDI LIBRE

* Jeudi 3 Octobre

- 09.30–10.20 A. PFISTER, *Small zeros of quadratic forms over algebraic function*