

**Exploratory Experimentation and Computation
In Number Theory Workshop
7 July – 9 July 2010**

Wednesday 7 July

1.00pm	Lunch on arrival
2.30pm	Frank Garvan (<i>keynote speaker</i>): "Biranks for partitions into 2 colors and some theta function identities"
3.30pm	Pee Choon Toh: "Finite analogues of Rogers--Ramanujan type identities"
4.20pm	Welcome Reception

Thursday 8 July

9.30am	Heng Huat Chan (<i>keynote speaker</i>): "Ramanujan and the theory of modular forms"
10.30am	Morning Tea
11.00am	Richard Brent: "Ramanujan and Euler's constant"
12.00am	Ole Warnaar: "Higher-rank Rogers--Ramanujan identities"
1.00pm	Lunch
2.30pm	Shaun Cooper: "Apéry sequences and series for $1/n$ "
3.30pm	Afternoon Tea
4.00pm	George Willis: "Rigidity for homomorphisms from arithmetic groups to locally compact groups"
5.00pm	Reza Rezaeian Farashahi: "On group structures realised by elliptic curves over a fixed finite field"
5.50pm	<i>Discussions</i>
6.30pm	Workshop Dinner

Friday 9 July

9.30am	Jonathan Borwein (<i>keynote speaker</i>): "The arithmetic of uniform random walks"
10.30am	Morning Tea
11.00am	James Wan: "Probability densities of random walks"
11.45am	Wadim Zudilin: "Series for $1/n$ revisited"
12.30pm	<i>Discussions</i>
1.00pm	Lunch and close

