

# Current Developments in Mathematics 2013

## November 22–23, 2013

### Friday, November 22, 2013 Lecture Hall D

2:15–3:05 pm	Edward Witten	A New Look at the Jones Polynomial of a Knot (I)
3:15–4:05 pm	Edward Witten	Khovanov Homology and Gauge Theory (II)
4:15–5:05 pm	Andre Neves	Min-max theory, Willmore Conjecture and the Energy of Links (I)
5:15–6:05 pm	Andre Neves	Min-max theory, Willmore Conjecture and the Energy of Links (II)
7:00 pm	Banquet at Royal East Restaurant, Cambridge	

### Saturday, November 23, 2013 Lecture Hall B

9:00–9:50 am	Daniel Spielman	The Method of Interlacing Polynomials
10:00–10:50 am	Daniel Spielman	The Solution of the Kadison-Singer Problem
11:00–11:50 am	Wei Zhang	Heegner Points and the Birch-Swinnerton-Dyer conjecture (I)
12:00–12:50 pm	Wei Zhang	Heegner Points and the Birch-Swinnerton-Dyer conjecture (II)
12:50–2:00 pm	Lunch	
2:00–2:50 pm	Zhiwei Yun	Rigidity in Automorphic Representations and Local Systems (I)
3:00–3:50 pm	Zhiwei Yun	Rigidity in Automorphic Representations and Local Systems (II)
4:00–4:50 pm	Yitang Zhang	Bounded Gaps between Primes (I)
5:00–5:50 pm	Yitang Zhang	Bounded Gaps between Primes (II)

