## **Current Developments in Mathematics 2009 November 20–21, 2009**

## Friday, November 20, 2009

2:00–2:50 pm 3:05–3:55 pm 4:10–5:00 pm 5:15–6:05 pm	Ngô Bao Châu Ngô Bao Châu Andrew C. Yao Andrew C. Yao	The fundamental lemma (I) The fundamental lemma (II) The mathematics of communication complexity (I) The mathematics of communication complexity (II)
7:00 nm	Banquet at Royal Fast Restaurant, Cambridge	

## Saturday, November 21, 2009

9:00–9:50 am 10:05–10:55 am 11:10–12:00 pm	Steve Zelditch Steve Zelditch Ovidiu Savin	Recent results in quantum ergodicity (I) Recent results in quantum ergodicity (II) Phase transitions, minimal surfaces and De Giorgi's conjecture (I)
12:00–1:30pm	Break	
1:30– 2:20 pm	Ovidiu Savin	Phase transitions, minimal surfaces and De Giorgi's conjecture (II)
2:35-3:25 pm	Bálint Virág	Continuum limits of random matrices (I)
3:40–4:30 pm	Bálint Virág	Continuum limits of random matrices (II)
4:40–5:30 pm	Douglas Ravenel	The Arf-Kervaire invariant problem in algebraic topology (I)
5:40–6:30 pm	Michael Hill	The Arf-Kervaire invariant problem in algebraic topology (II)





