Fri., August 8	09:00 $\sim$ 09:40	Mugunghwa	40min talk

Maximal Inequalities for L_q-valued stochastic integrals and convolutions with jumps

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We discuss recent results on maximal inequalities for purely discontinuous martingales and stochastic convolutions taking values in infinite dimensional spaces, with particular emphasis on L_q spaces. These results are instrumental to prove well-posedness and regular dependence on parameters for stochastic PDEs with jumps. (The talk is partly based on joint work with Sjoerd Dirksen.)