FP7 Marie Curie ITN "Controlled systems" project

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Information process and compensator

Abstract: The object of the talk is in finding the compensator of a default time in a financial model where market agents have some partial information about the default before it occurs. Local time techniques and the approach developed by P.-A. Meyer (Probability and Potentials, 1966) to compute the compensator of a submartingale, are applied in the context of the enlargement of filtrations.