A Celebration of Raoul Botts Legacy in Mathematics
Symposium soulignant l'héritage mathématique de Raoul Bott
June 9–13, 2008/**9 au 13 juin 2008**

Localization in global singularity theory

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Abstract

Global singularity theory was founded by Thom in the 50's to study the topology of singular loci of maps. We review some remarkable recent results in the field, which were brought about by the application of certain not-so-recent localization principles in topology.