Welcome to HPCS 2008

HPCS 2008 is the 22nd edition of a multidisciplinary conference that focuses on any discipline involving High Performance Computing (HPC) and its applications. Attended by Canadian and international experts and researchers renowned in the sciences, engineering, mathematics and applied human sciences, it is Canada's preeminent forum for HPC.

This year's conference is hosted by Université Laval, in beautiful Québec City, first cited on the UNESCO World Heritage list in 1985. Founded in 1608, Québec City is celebrating its 400th anniversary! For people of French descent, all over America, everything points back to Quebec City, recognized as the founding site of French civilization in North America. At one point, Quebec City was at the center of an empire, New France, that covered all of Eastern Canada and almost half of the current US territory. French possessions in North America then reached from the Gulf of St Lawrence to the Great Lakes and from Hudson Bay to the Gulf of Mexico.

Université Laval traces its origins back to 1663, when Monseigneur François de Laval, the first bishop of New France, founded the Séminaire de Québec. A Royal Charter creating Université Laval was later granted to the Séminaire de Québec by Queen Victoria in 1852. As Canada's first university, Université Laval was the very first institution in North America to offer higher education in French.


The scientific program of this year's conference includes 34 peer-reviewed presentations organized in seven tracks, as well as three invited speakers. Subjects cover a wide range of topics from computer architectures to applications, from mathematical models to collaborative resource management. The conference program also includes an exhibit floor with over 15 HPC software and hardware vendors, two tracks of presentations from exhibitors, and 5 high level industry keynote speakers who will present their vision of HPC.

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