

CompMed

SSH Symposium on Computer Simulation in Medicine

May 16-18, 2007

www.compmed.ca

This symposium will provide a forum for industry, medical practitioners and researchers to interact and learn about advancements in computer simulation and its direct application to medicine.

In particular, the symposium will focus on the development and use of virtual technologies for surgical training and rehearsal as well as conceptual design of medical devices.

Subjects of Interest

- Conceptual design and simulation of medical device performance
- Immersive visualization
- Real-time simulation, haptic feedback and surgical robots
- Geometric modelling from medical images
- Properties of cells and tissues for simulation
- Patient specific tissue properties

Applications of Interest

- Endovascular Interventions
- Minimally Invasive Surgery
- Open Surgery
- Tissue Engineering
- Drug and Gene Delivery
- Prostheses and Orthoses



The symposium is being organized by the National Research Council of Canada (NRC), co-supported by the Society for Simulation in Healthcare (SSH). The symposium will be located at the NRC's Industrial Materials Institute, located in Boucherville, 20 minutes from downtown Montreal.



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Montreal is Canada's second largest city. Montreal is unique in its combination of both European and North American culture. The city has many architectural, historical, nature and cultural attractions, as well as a multitude of restaurants for all cuisines.

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Speakers and Participants

Key invited speakers will be solicited from industry, medicine and academia. Speakers will also be selected via a call for papers process. To maximize the pertinence of the symposium talks, participation from medical practitioners and industry is strongly encouraged.

Advisory and Technical Committee

C.E. Aubin, Ecole Polytechnique

S. Cotin, CIMIT-Harvard

V. Hayward, McGill University

E. Simon, CAE Inc.

G. Sutherland, MD, Foothills Hospital

H. Labelle, MD, St Justine Hospital

M. Betzner, MD, STARS

J. Galipeau, MD, Montreal Jewish General Hospital

S. Hollister, University of Michigan

I. Sinclair, MPB Technologies

LP Amiot, MD, Orthosoft

F. Tendick, University of California at San Francisco

Registration Fees (CAD)

Onsite registration – 500\$

Speakers – 300\$

Student registration – 150\$

Early registration before February 28th, 2007 – 400\$

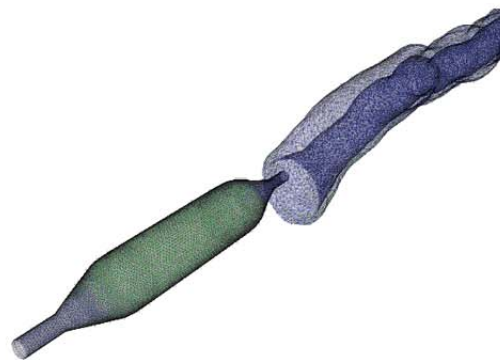
Key Dates

Abstract submission January 31th, 2007

Notification of acceptance February 28th, 2007

Exhibition Space Available

An exhibition will be held in conjunction with the conference. Exhibition space is available. For more information, please contact the secretariat of the conference.



For more information:

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