Faculty of
Computer **Science**
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Faculty of Computer Science
2003-2004 Seminar Series

Human Computer Interface: Snakelike Input Device Generates
Two- and Three-dimensional Images

By

Carl Callewaert & Robin Palmer
Measurand Inc

Wednesday, January 28th, 2004
3:30 p.m.
ITC317

Refreshments will be served at 3:20 p.m.

Measurand Inc developed ShapeTape™, a flexible ribbon of fibre-optic sensors that can be bent, twisted and even tied up like a pretzel knows its own shape and position at all times. Built into or attached to an object, hand held and even worn on the body ShapeTape™ tracks shape and motion in real-time. It follows human arm, leg, back, and neck movements for motion capture, virtual reality, biomedical, gaming, and robotic control applications. It is also used for crash testing, computer-aided design, and automotive interior design.

Measurand is a Fredericton based company that has been producing its unique patented fibre-optic sensor technology since 1993. Measurand's most active markets have been aerospace, research and development, and automotive safety markets. The company is positioning itself to be a leader in the markets of human data capture in the markets of entertainment, simulation and workplace ergonomics.**

STUDENTS ARE ENCOURAGED TO ATTEND
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