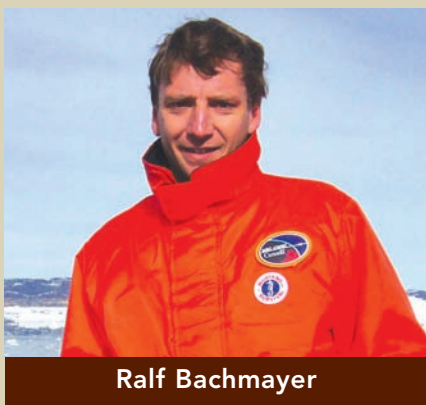


# Speaking of Engineering...

## Have you ever wondered...



### About what's going on under the ice?

Ralf Bachmayer  
NRCC Institute for Ocean Technology

In June, an autonomous underwater glider was launched at the mouth of the Jacobshavn Fjord in Northern Greenland. The glider collected information about the water close to the glacier-fed fjord in an attempt to gain more insight into the melting process of glaciers. In another experiment, the glider was modified to fly under an iceberg to obtain information about the shape of its keel. Together, these projects will allow researchers to complete the next phase of their test – to fly for prolonged times under the ice in areas that are hard to gain access to, even with icebreakers.

Join Dr. Ralf Bachmayer – an associate research officer at the National Research Council of Canada's Institute for Ocean Technology, and an adjunct professor at Memorial University – as he discusses his research in Northern Greenland and get the chance to see an underwater glider up close.

**Speaking of Engineering** is hosted by the Faculty of Engineering and Applied Science at Memorial University and the Professional Engineers and Geoscientists of Newfoundland and Labrador.

**Thursday, Oct. 25, 2007, 7:30 p.m.**  
**Memorial University, St. John's Campus**  
**S.J. Carew Building, Room EN2006**

Reception to follow  
Admission is free. All are welcome  
Parking available in Lot 16

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