



# Invitation to Bacon & Eggheads Breakfast

The Bacon & Eggheads breakfast lectures bring together Parliamentarians with experts in science and engineering, showcasing outstanding Canadian research accomplishments.

## **Towards a More Sustainable and Diversified Aquaculture**

with

Thierry Chopin, University of New Brunswick

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Fulfilling aquaculture's growth potential requires responsible technologies and practices. Sustainable aquaculture must be ecologically efficient, environmentally benign, provide diversified products, and be both profitable and societally beneficial. Integrated Multi-Trophic Aquaculture (IMTA) combines fed aquaculture (fish) with inorganic extractive (seaweeds and aquatic plants) and organic extractive (invertebrates) aquaculture in such a way that the by-products (including wastes and nutrients) from one species become inputs (fertilizers and food) for another. Not only does IMTA provide farmers with opportunities to diversify and grow other crops, but it also provides services to the ecosystem. Dr. Chopin will discuss how the IMTA model, and its integrated ecosystem approach to aquaculture, should become an integral part of Canada's coastal regulatory and management policy frameworks.

**Thierry Chopin** was born and educated in France. He obtained his Doctorate from the University of Western Brittany, Brest, France. He moved to Canada in 1989 and is presently Professor of Marine Biology at the University of New Brunswick in Saint John. Dr. Chopin is also Honorary Consul of France and Chevalier in the Ordre des Palmes Académiques. His research focuses on the ecophysiology and biochemistry of seaweeds of commercial value and the development of Integrated Multi-Trophic Aquaculture. Dr. Chopin is the Scientific Director of the Natural Sciences and Engineering Research Council of Canada (NSERC) Canadian Integrated Multi-Trophic Aquaculture Network (CIMTAN).

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**Thursday, October 25, 2012 – from 7:30 am - 8:45 am**

**Main Hall, Government Conference Centre, Ottawa, Colonel By entrance**

No charge to Members of the House of Commons, Senators and Media. All others \$25

**Registration** - Please register by contacting Donna Boag, PAGSE: **613-991-6369**, [pagse@rsc-src.ca](mailto:pagse@rsc-src.ca)

*The series is open to members of the Senate, House of Commons, media, PAGSE, NSERC, invited government officials, and invited guests.*

### Organized by

The Partnership Group for Science and Engineering (PAGSE) [www.pagse.org](http://www.pagse.org), an umbrella organization of 26 national science and engineering societies operating under the auspices of the Royal Society of Canada.

### Sponsors

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