



## AQUA 2018 KEYNOTE SPEAKERS

All three of our AQUA2018 Keynote Presentations will be given during the Plenary Session on Sunday, August 26<sup>th</sup> in the BERLIOZ Auditorium of Le Corum. The Plenary Session will be followed by the AQUA2018 Student Spotlight Awards.

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### “Charoen Pokphand Foods – changing the face of Asian aquaculture”

#### **Robins McIntosh, Executive Vice President of Charoen Pokphand Foods PLC**

CPF company experience over the past 2 decades in developing shrimp and Tilapia aquaculture first in Thailand and later all over Asian countries, focusing on reasons for successes and failures, how to deal with technical issues (diseases, certification issues) as well as socio-economics, public perception, trade issues, etc.

*Robins McIntosh is an executive vice president of the Charoen Pokphand Foods Public Company Limited (CPF), the largest integrated producer of aquaculture shrimp in the world. His responsibilities include management of the shrimp broodstock development and genetics programs. Mr. McIntosh joined CPF in 2001 and was tasked with the job of reviving the companies shrimp aquaculture division. As part of this process he oversaw the introduction of *P. vannamei* into Thailand, the development of SPF *P. monodon*, and the modernization of hatcheries, and farms. His work at CPF increased shrimp production at the company from 5,000 tons to over 90,000 tons annually in 2010. These changes that were introduced into CPF eventually made their way into most of Asian shrimp culture turning a stagnant industry into one of the most dynamic growth stories ever in aquaculture. Prior to his work at CPF Mr. McIntosh developed and was general manager of Belize Aquaculture Ltd: a farm credited with revolutionizing the way in which shrimp can be grown with minimal water exchange and high efficiency. He graduated with a BA from Vanderbilt University, and a MA from the University of South Florida.*



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### "Technological innovation in Salmon farming"

#### **Øyvind Oaland, Global Director, R&D and Technical, Marine Harvest ASA**

An insight into the current challenges that Marine Harvest is addressing and how technological innovations and new production platforms will facilitate sustainable growth.



Øyvind Oaland has served as head of the Global Research and Development department in Marine Harvest since 2008 and is member of the senior management team in Marine Harvest Group. He has long experience from research and technical area within salmon farming and processing and has been with Marine Harvest since 2000.

Prior to taking the position as Global Director Research & Development in 2008, he held various positions within the group in the areas of fish health, food safety and product quality.

Øyvind has a degree in Veterinary Medicine from the Norwegian School of Veterinary Science.

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## "FAO Update on the Status of World Aquaculture"

**Árni M. Mathiesen, Assistant Director-General, Fisheries and Aquaculture Department, Food and Agriculture Organization of the United Nations (FAO)**

Árni M. Mathiesen, Assistant Director-General of the Fisheries and Aquaculture Department at the Food and Agriculture Organization (FAO), holds a Bachelor of Veterinary Medicine and Surgery degree from the University of Edinburgh, U.K. and an MSc in Aquatic Veterinary Science from the University of Stirling, U.K. After completing his studies, he worked as a veterinarian,



specializing in fish diseases for ten years and was also the Managing Director of an aquaculture firm. Mr Mathiesen was a member of the Board of the Icelandic Veterinary Association from 1986 to 1987 as well as the Chairman of the Council for the Prevention of Cruelty to Animals from 1994 to 1999. From 1990 to 1994, he was a member of the Board of the Guarantee Division of Aquaculture Loans and, from 1994 to 1998, a member of the Board of the Agricultural Bank of Iceland and of the Agricultural Loan Fund. In 1991, Mr Mathiesen was elected to the Icelandic Parliament and served as Minister for Fisheries from May 1999 to September 2005 and, subsequently, as Minister for Finance until February 2009. Before joining FAO in 2010, was a consultant for the Confederation of Icelandic Employers as well as working in a general veterinary practice in Iceland.