ETH zürich

ICB seminar series 2015/16

chairman: Prof. Dr. Rudi Gunawan

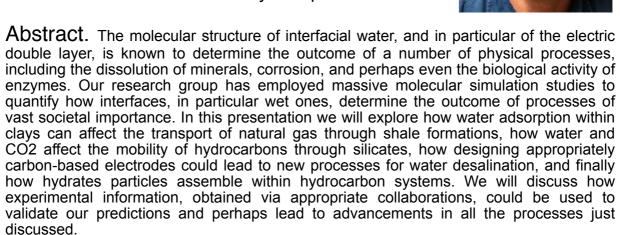
THE ROLE OF INTERFACIAL WATER ON WATER DESALINATION, HYDRATES MANAGEMENT, AND OIL & GAS PRODUCTION

Prof. Dr. Alberto Stirolo

Department of Chemical Engineering, University College London

ETH Hönggerberg, 02/03/2016 HCI J 7, 17.00 h

The Seminar will be followed by an Apéro



Speaker highlights. Dr. Striolo is Professor of Molecular Thermodynamics within the Department of Chemical Engineering at University College London, London's global university. Prior to this position, Dr. Striolo was the Lloyd and Joyce Austin Presidential Associate Professor within the School of Chemical, Biological and Materials Engineering at the University of Oklahoma, US. During his career Dr. Striolo has applied an arsenal of modelling and simulation techniques to characterize the structure of fluid at solid-liquid interfaces. He held visiting positions at Lawrence Berkeley National Laboratory, Berkeley, CA, and at Princeton University, NJ, to verify the theoretical predictions using experimental observables and to correlate the interfacial fluids structure to their transport. Striolo is interested in quantifying interfacial effects, especially those that can be related to practical applications such as water desalination, management of hydrates in flow assurance problems, separations, self- and directed assembly, and many others.

