

## Michael Harasek



Michael Harasek received his PhD in Chemical Engineering from Vienna University of Technology. For more than twenty years he has been working on the design of new processes and technologies in the process industries and related fields with a strong focus on energy efficiency and waste minimization. A major part of his research work is dedicated to the development of environmentally friendly

technologies and the integration of renewable energy pathways, e.g. the production of biofuels, and the production and upgrading of biogas. With his group, he is partner in numerous national and international projects, currently he also coordinates a European FP7-SME project.

Michael Harasek works also on the application of computational fluid dynamics in many fields of chemical engineering for the analysis of fluid flow and the improvement of phase contact, mixing and performance of chemical and biochemical reactors. As head of the research group “CFD & Thermal Process Engineering” he guides a team of fourteen scientists at Vienna University of Technology, Institute of Chemical Engineering.

His presentation on: **Biomethane from Biogas for CNG and Gas Grid Injection: New Developments and Technology Rollout**