



## WEBINAR 1 SPEAKER BIOGRAPHIES



Peter van Os, Project Co-ordinator, TNO

Peter van Os is a Senior Project Manager at TNO, in the Netherlands, on various projects concerning gas treatment, with a focus on CO<sub>2</sub> capture. He has been involved in various internationally oriented EU projects, including CESAR, iCAP, OCTAVIUS and HiPerCap, as well as B2B and joint industry projects. Clients include national and international companies and SMEs. He has been working at TNO since 1985, first as a system engineer and since 2000 as a project manager. Peter is an IPMA and PRINCE II certified project manager.



Andreas Grimstvedt, WP1 Co-ordinator, SINTEF

Andreas Grimstvedt (PhD) is a Research Scientist working in the Chemical and Environmental Process Engineering group, Department of Process Technology at SINTEF Industry. He has worked in the field of CCS since 2008, in particular in the identification and quantification of degradation compounds in solvent-based CO<sub>2</sub> capture. His main interests include statistical methods for quality management and improvements, chemometrics and multivariate analysis of experimental data. He works with solvent characterisation, solvent development, chemical analysis and thermodynamics. Andreas is also an author and co-author of several journal papers and conference presentations.



Juliana Monteiro, WP2 Co-ordinator, TNO

Juliana Monteiro has a PhD in Chemical Engineering and holds a position as Scientific Researcher at TNO in the field of gas treating, in particular CCUS. Since 2009 she has been involved in CCS projects, particularly in chemical absorption of CO<sub>2</sub>. Her activities include solvent development and characterisation, modelling and simulation of CO<sub>2</sub> capture systems, designing of capture plants and economical assessment of processes. More recently, she has been involved in developing and evaluating CO<sub>2</sub> utilisation technologies, through her involvement in the CEMCAP and CyclicCO<sub>2</sub>R projects.



Hanna Knuutila, WP3 Co-ordinator, NTNU

Hanna Knuutila is a Professor at Norwegian University of Science and Technology, NTNU, Norway. Her main research interest is related to acid gas removal using absorption technology. Since 2011, she has been involved in many national and European projects working on different aspects of absorption technology. In LAUNCH, Hanna leads WP3 focusing on closing the knowledge gaps related to degradation and its impacts.



#### Jon Gibbins, WP4 Co-ordinator, University of Sheffield

Jon Gibbins is Professor of Power Plant Engineering and Carbon Capture at the University of Sheffield and Director of the UK CCS Research Centre. He has worked on coal and biomass gasification and combustion for over 30 years, at Foster Wheeler, Imperial College and the University of Edinburgh and on CCS since 2002. He is involved in other academic, industrial and government initiatives on CCS in the UK and overseas, including the SaskPower CCS Global Consortium Advisory Committee. He has participated in reports and inquiries on CCS for a range of UK Government and other organisations.



#### Peter Moser, WP5 Co-ordinator, RWE

Peter Moser is Head of R&D “Emission Reduction Technologies” at RWE Power in Essen, Germany. He studied chemistry at the University of Cologne, where he also received his PhD. His current focus is on post-combustion capture, carbon capture and usage and on all technologies regarding flue gas treatment (mercury, DeNOx, desulphurisation, dedusting by wet and dry electric precipitator, aerosol mitigation). He has participated in several German and numerous international CCUS projects, including AEP’s Mountaineer CCS project and EPRIS’s P4 project. EU projects include CASTOR, CESAR, CO2SINK, ENCAP, EcoScrub and ALIGN-CCUS.



#### Jonathan Slater, WP6 Co-ordinator, Doosan Babcock

Jonathan Slater is a Principal Engineer CCUS at Doosan Babcock. He graduated from the University of Nottingham in 2003 with a BEng (Hons) in chemical engineering and joined Doosan Babcock in 2005. He is a Chartered Engineer and Corporate Member of the Institution of Chemical Engineers. He has worked on numerous post combustion carbon capture projects as a process engineer specialising in process modelling of the carbon capture process. He has been involved in several carbon capture FEED studies and the CCPilot100+ demonstration project. He has been Process Lead for several US DOE-funded collaborative projects in post combustion capture and oxyfuel combustion.