

Příspěvky s výsledky projektů programu CZ-08 Norských fondů 2009-2014 a TAČR na konferenci TCCS-9 v Trondheimu (12. – 14. června 2017)

REPP-CO2

[Baseline monitoring of CO2 and methane for risk assessment of a future pilot CCS site LBr-1: relationship to the residual oil and gas field saturation](#) (přednáška)

Juraj Francu (Czech Geological Survey), Vit Hladik (Czech Geological Survey), Eric Ford (IRIS), Ondřej Prokop (Czech Geological Survey), Lukas Jurenka (Czech Geological Survey), Vladimir Kolejka (Czech Geological Survey), Miroslav Pereszlenyi (Czech Geological Survey)

[«Greener» Hydrocarbons: Myth or Reality?](#) (poster)

Roman Berenblyum (IRIS), Vit Hladik (Czech Geological Survey)

Studie pilotních technologií CCS pro uhelné zdroje v ČR

[NOx Formation in Oxy-fuel Combustion of Lignite in a Bubbling Fluidized Bed - Modelling and Experimental Verification](#) (přednáška)

Matej Vodicka (Faculty of Mechanical Engineering, Czech Technical University in Prague), Nils Erland Haugen (SINTEF Energy Research), Andrea Gruber (SINTEF Energy Research), Jan Hrdlicka (Faculty of Mechanical Engineering, Czech Technical University in Prague)

[Techno-economic evaluation of CO2 transport from a lignite-fired IGCC plant in the Czech Republic](#) (poster)

Simon Roussanaly (SINTEF Energy Research), Geir Skaugen (SINTEF Energy Research), Ailo Aasen (SINTEF Energy Research, Department of Gas Technology), Jana Jakobsen (SINTEF Energy Research, Department of Gas Technology), Ladislav Vesely (Faculty of Mechanical Engineering, Czech Technical University in Prague)

[Intermediate pressure reboiling in geothermal flash plant for increased power production and more effective CO2 capture](#) (poster)

Vaclav Novotny (Faculty of Mechanical Engineering, Czech Technical University in Prague), Monika Vitvarova (Faculty of Mechanical Engineering, Czech Technical University in Prague), Jan Havlik (Faculty of Mechanical Engineering, Czech Technical University in Prague), Jana Jacobsen (NTNU)

[Ca-looping Dual Circulating Fluidized Bed Model for a CO2 Capture](#) (poster)

Matej Vodicka (Faculty of Mechanical Engineering, Czech Technical University in Prague), Jan Hrdlicka (Faculty of Mechanical Engineering, Czech Technical University in Prague), Jan Opatril (Faculty of Mechanical Engineering, Czech Technical University in Prague), Pavel Skopec (Faculty of Mechanical Engineering, Czech Technical University in Prague)

HITECARLO

[Capture of CO₂ on hydrotalcite-like compounds in fluidized and fixed-bed reactor](#) (poster)

Barbora Miklova (University of Chemistry and Technology Prague), Marek Staf (University of Chemistry and Technology Prague), Veronika Vrbová (University of Chemistry and Technology Prague)

[Testing of Several Types of Limestone for Cycles High Temperature Sorption of CO₂](#) (poster)

Veronika Vrbova (University of Chemistry and Technology Prague), Lenka Jilkova (University of Chemistry and Technology Prague), Karel Ciahotný (University of Chemistry and Technology Prague)

[Sorption Capacity of Natural Czech Limestones for Use in Carbonate Loop](#) (poster)

Lenka Jilkova (University of Chemistry and Technology Prague), Veronika Vrbova (University), Karel Ciahotný (University of Chemistry and Technology Prague)

TAČR

Design and integration of SCR unit into the pilot oxy-fuel boiler

Lukáš Pilař (ÚJV Řež, a. s.), Jan Opatřil (ÚJV Řež, a. s.), Jan Hrdlička (Faculty of Mechanical Engineering, Czech Technical University in Prague)