

<i>Day/Time</i>	<i>Title of presentation</i>	<i>Speaker / Moderator</i>
<b><u>Thursday 3rd June 2010</u></b>		
<b>1000</b>	Registration	
<b>1100</b>	Welcome by the host	<b>D Pinchbeck, GERG, Belgium</b>
<b>1105</b>	Presentation by GERG President	<b>K Altfeld, E.ON Ruhrgas, Germany</b>
<b>1130</b>	<b><u>Session 1: Gas Fundamentals</u></b>	<b>G Roslonek, Chairman, PC GS</b>
<b>1</b>	Sensitivity study of the main petrophysical/geomechanical parameters for CO2 storage capacity estimation in deep saline aquifers	<b>Laura Valle University Polytechnic Madrid, Spain</b>
<b>2</b>	Gravimetric Analyser for Selective Sorption Measurement of Multi-Component Gas or Supercritical Mixtures in Fluidised-Bed or Liquid Sorbents	<b>Tobias Fieback Ruhr-Universität Bochum, Germany</b>
<b>3</b>	Development of advanced reaction systems for hydrogen generation	<b>Urko Izquierdo University of the Basque Country, Spain</b>
<b>1300</b>	Lunch	

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<b>Thursday 3rd June 2010</b>		
<b>1400</b>	<b><u>Session 2: Natural Gas Transmission &amp; Storage</u></b>	<b>J Lopez Zurita, Chairman, PC T&amp;S</b>
<b>1</b>	<b>Uncertainties in the calculation of the energy unloaded from LNG tankers</b>	<b>Susana Sanz University of Zaragoza, Spain</b>
<b>2</b>	<b>Feasibility Study for a new Densimeter for the Accurate Measurement of Densities of Liquefied Natural Gas</b>	<b>Markus Richter Ruhr-Universität Bochum, Germany</b>
<b>3</b>	<b>Study of the influence of dent depth on critical pressure of pipe</b>	<b>M Allouti ENIM, France</b>
<b>1530</b>	<b>Coffee break</b>	
<b>16.00</b>	<b><u>Session 3: Natural Gas Distribution</u></b>	<b>J-P Capdevielle, GDF Suez, France</b>
<b>1</b>	<b>Development of an inspection robot for gas distribution mains - a Mars mission underground</b>	<b>Edwin Dertien University of Twente, Netherlands</b>
<b>2</b>	<b>ORFEUS: A step change in GPR - very large bandwidth and high dynamic range CWSF radar for non-destructive utility detection</b>	<b>Gilberto Grazzini University of Florence, Italy</b>
<b>3</b>	<b>Further development of condition-based maintenance for natural gas metering stations</b>	<b>Roland Edlerherr Technical University of Dortmund, Germany</b>
<b>4</b>	<b>Biomass gasification and natural gas grid injection</b>	<b>Thangavelu Jalabayan Ecole Nationale Supérieure des Techniques Industrielles et des Mines de Nantes</b>
<b>1745</b>	<b>End of day</b>	

2000	Dinner	
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<b>Friday 4<sup>th</sup> June 2010</b>		
0900	<u>Session 4: Natural Gas Utilisation</u>	F Gröschl, Chairman, PC Utilisation
1	Innovative natural gas-based heating technologies for high temp applications, possibilities for minimised energy consumption and reducing emissions	K Reusse T U Freiburg, Germany
2	Modelling of Material and Energy Balance of Biogas Production Process	Mandy Gerber Ruhr-Universität Bochum, Germany
3	People in Power	Lech Bialek, Hanze University of Applied Science Groningen, Netherlands
1030	Coffee break	
1045	<u>Session 5: Other R&amp;D</u>	D Pinchbeck, GERG, Belgium
1	Computational study of combustion in gas fired burners and flares: Structure and emission of a turbulent jet flame in cross-flow	Shariff Lawal, University of Leeds, UK
2	Gas adsorption in Cu-BTC Metal-Organic Frameworks	Juan M. Castillo Delft University of Technology, Netherlands
3	Developing New Methods, Techniques to Improve Heavy-Duty Natural Gas Engine Performance	Mehrzad Kaiadi Lund Institute of Technology, Sweden

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1215	<u>Lunch</u>	
1315	GERG project presentations	D Pinchbeck, GERG, Belgium
1	NATURALHY	O Florisson, Kema Ltd., The Netherlands
2	Integ-Risk:- State of the Art TPI Detection	M Zarea, GDF SUEZ, France
1415	Invited presentation: Nanotechnology and its applications in the Gas Industry.	R Wiegerink, University of Twente, The Netherlands
14.45	Tea	
1515	Presentation of GERG prize	K Altfeld, GERG President
1525	Closing remarks	K Altfeld, GERG President
15.30	End	