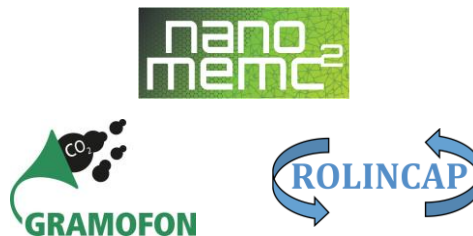




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3rd Europe – South Korean Joint workshop on CCS

Paris 2-3/07/2019

Jaurès amphitheatre at Ecole Normale Supérieure de Paris

45 rue d'Ulm, 75005 Paris (FR)

FINAL PROGRAMME

July 2nd Private workshop – not open to public

Registration	12:30
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Snack reception	13:00
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Welcome to participants and workshop presentation	14:15
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Presentation of NANOMEMC ² project and of its South Korean partners	14:30
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<https://www.nanomemc2.eu>

Prof. Marco Giacinti Baschetti – NANOMEMC² coordinator

Speaker (Korean Institution)

Presentation of GRAMOFON project and of its South Korean partners	15:30
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<http://www.gramofonproject.eu>

PhD. Adolfo Benedito-Borràs – Reference Researcher at AIMPLAS and GRAMOFON co-coordinator

Speaker (Korean Institution)

Coffee Break	16:30
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Presentation of the ROLINCAP project and of its South Korean partners	16:45
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<http://www.rolincap-project.eu>

Prof. Panos Seferlis – ROLINCAP coordinator

Speaker (Korean Institution)

Final remarks and conclusion	17:45
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Closure of the first day sessions	18:00
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Twining Dinner (Time and location to be defined define)



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July 3rd Open sessions

Registrations	8.45
Welcome to participants	9:15
<i>CCS current situation and future plans in the European community</i>	09:30
Wolfgang Schneider – DG Research and Innovation, European Commission	
<i>CCS in South Korea: current situation and future plans</i>	10:00
Person from KCCS (Korea Carbon Capture & Sequestration R&D Center)	
Coffee Break	10:30
Materials: GRAMOFON project	11:00
<i>Metal Organic Framework – Graphene oxides composites for CO₂ capture</i>	
PhD. Christian Serre, CNRS Research Director, head of the Institute of Porous Materials from Paris	
Materials: ROLINCAP project	11:30
<i>Predictive modelling of the thermodynamic behaviour of phase change solvents with the SAFT-gamma Mie equation of state</i>	
Dr. Felipe Perdomo, Imperial College London	
<i>The phase-change molecule: Thermodynamics, computer-aided molecular design (CAMD) and sustainability assessment in ROLINCAP</i>	
Dr. Athanasios I. Papadopoulos, Centre for Research and Technology Hellas	
Materials: NANOMEMC² project	12:00
<i>CO₂ selective membranes for carbon capture: the NANOMEMC² experience</i>	
Prof. Marco Giacinti Baschetti, University of Bologna	
Lunch (with poster session)	12:30
Modelling: GRAMOFON project	14:00
<i>Microscopic understanding of the MOF/GO interfaces</i>	
PhD. Anusha Lalitha, CNRS-ICGM Université Montpellier	
Modelling: ROLINCAP project	14:30
<i>Dynamic modelling, validation, process analysis and scale-up of rotating packed bed for MEA-based carbon capture</i>	



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Prof. Meihong Wang, University of Sheffield

Design optimization of CO₂ capture flowsheets using phase-change solvents

Prof. Panos Seferlis, Centre for Research and Technology Hellas

Modelling: NANOMEMC² project

15:00

*Modelling solubility and diffusivity in Facilitated transport membranes:
microscale and macroscale approaches*

Mr. Kwam Odin, University of Edinburgh

Mr. Riccardo Rea, University of Bologna

Coffee Break

15:30

Field Testing: GRAMOFON project

16:00

Effect of GO addition in MOF for the CO₂ desorption

Prof. Guy De Weireld, Faculty of engineering , Université de Mons

Field Testing: ROLINCAP project

16:30

CO₂ capture in a rotating packed bed – Experimental studies

Mr. James Hardy, Newcastle University

*Techno-economic, LCA and EHS hazard assessment of post-combustion CO₂
capture based on phase-change solvents*

Prof. Stavros Papadokostantakis, Chalmers University of Technology

Field Testing: NANOMEMC² project

17:00

Membrane scale up and industrial testing within NANOMEMC² project

Dr. Riccardo Costi COLACEM S.p.A

Mr. Saravanan Janakiram Norwegian University of Science and Technology

Final Remark

17:30

Event closure

18:00

[REGISTRATION FORM](#)