



Session 3 - Subsurface geology

Oral session

 	When: 13th June 2012 h. 9.00-18.00 Where: Conference room C/D	Chairman - Robida Francois Convenor - Diepolder Gerold Convenor - Puig Carme Convenor - Martelli Luca
Morning topic: Subsurface Geology and Assessments of Subsurface Potentials		
9.00 – 9.20	3 REGIONS WORKING GROUP ON SUBSURFACE GEOLOGY A WELCOME Diepolder, Puig, Martelli Conference speaker	
9.20 – 9.40	INSTITUTIONAL WELCOME Monica Donini - PRESIDENTE IV COMMISSIONE - POLITICHE PER LA SALUTE E POLITICHE SOCIALI Conference speaker	
9.40 – 10.00	STORAGE CATALOGUE OF GERMANY Mueller Christian Conference speaker	
10.00 – 10.20	LOW-ENTHALPHY GEOTHERMAL RESERVOIRS EXPLORATION IN THE APENNINES BURIED THRUST FRONT SOUTH OF PARMA (ITALY) Molinari Fabio Carlo, Luca Martelli, Renzo Valloni Conference speaker	
10.20 – 10.40	THE INTERREG PROJECT GEORG: 3D-MODELING OF COMPLEX TECTONIC STRUCTURES FOR ASSESSING GEOPOTENTIALS IN THE UPPER RHINE GRABEN Rupf Isabel, E. Nitsch, G. Sokol, B. Anders, D. Ellwanger, M. Franz, R. Prestel, C. Rodat, J. Schuff, U. Wielandt-Schuster, G. Wirsing, H. Zumsprekel, T. Kärcher, J. Haneke, J. Krzyzanowski, R. Storz, J. Tesch, M. Weidenfeller, et al. Conference speaker	

10.40 – 11.00	<p>GEO.POWER PROJECT: SWOT ANALYSIS AND TRASFERABILITY ASSESSMENT OF GROUND-COUPLED HEAT PUMP (GCHP) SYSTEM INTO THE PROVINCE OF FERRARA (ITALY) Giambastiani Beatrice M.S , Anna Maria Pangallo, Francesco Tinti, Mastrocicco Mico</p> <p>Conference speaker</p>
11.00 – 11.20	<p>Coffee break</p>
11.20 – 11.40	<p>THERMOMAP - SPATIAL MAPPING OF SUPERFICIAL GEOTHERMAL ENERGY RESOURCES USING WEBGIS FOR INFORMATION DISTRIBUTION Bertermann David, Hermann Klug, Lucia Morper-Busch, Christian Bialas, Joachim Rohn, Declercq Pierre-yves</p> <p>Conference speaker</p>
11.40 – 12.00	<p>ADVANCED INSAR TECHNIQUES TO SUPPORT RESERVOIR MODELLING Rucci Alessio , Fabrizio Novali, Andrea Tamburini, Marco Minini, Del Conte Sara</p> <p>Conference speaker</p>
12.20 – 12.40	<p>EVALUATION OF THE GEOTHERMAL POTENTIAL OF THE COASTAL ACQUIFER NEAR RAVENNA (ITALY) Pandolfini Martino, Mollema Pauline, Nicolas Greggio, Marco Antonellini</p> <p>Conference speaker</p>
12.40 – 13.00	<p>EVALUATION OF POTENTIAL RESOURCES OF LOCAL STRUCTURES OF TIMANPECHORA OIL-GAS-BEARING BASIN FOR CARBON STORAGE WITH THE USE OF GEOINFORMATION TECHNOLOGIES Vakhnin Mikhail</p> <p>Conference speaker</p>
13.00 – 13.20	<p>WHY TOGETHER ON SUBSURFACE GEOLOGY? THE BENEFITS OF COLLABORATION IN ASSESSING SUBSURFACE POTENTIALS Puig Carme, Gerold W. Diepolder, Luca Martelli</p> <p>Conference speaker</p>
13.20 – 14.00	<p>Lunch break</p>

Afternoon topic: 3D modelling	
14.00 – 14.20	THE CONSTRUCTION OF A NATIONAL GEOLOGICAL MODEL FOR BRITAIN Mathers Steve
	Conference speaker
14.20 – 14.40	ADVANCES IN THE MANAGEMENT AND DISSEMINATION OF GEOLOGICAL DATA: THE 3D GEOLOGICAL MODEL OF CATALUNYA AT 1:250.000, FIRST RESULTS. Gratacos Oscar, Joana Mencós, Jorge Belenguer, Josep Anton Muñoz, Carme Puig, Laura Serra
	Conference speaker
14.40 – 15.00	SUBSURFACE GEOLOGY: DATA - KNOWLEDGE - 3D MODELING D'Ambrogi Chiara, Maria Pia Congi, Marco Pantaloni
	Conference speaker
15.00 – 15.20	THE GEOLOGICAL 3D-MODEL FOR LOWER SAXONY AND THE GERMAN NORTH SEA SECTOR Helms Marcus, Carolin Schmidt
	Conference speaker
15.20 – 15.40	GEOLOGICAL 3DMODEL OF THE CENOZOIC SUBSURFACE OF FLANDERS Lanckacker Timothy, Johan Matthijs, Roel De Koninck, Jef Deckers
	Conference speaker
15.40 – 16.00	THREE-DIMENSIONAL OF THE SHALLOW-LEVEL GROUND MODEL BASED ON BOREHOLE DATABASE: A CASE OF THE SOUTH KANTO PLAIN, CENTRAL JAPAN Kimura Katsumi, Yoshiro Ishihara, Yuki Hanashima, Tatsuya Nemoto, Shoichi Nishiyama
	Conference speaker
16.00 – 16.20	Break
16.20 – 16.40	DEVELOPMENT OF A GEOLOGICAL DATABASE SCHEMA AND IMPLEMENTATION WITH POSTGRESQL/POSTGIS FOR 3D GEOLOGICAL MODELLING Kaufmann Olivier, Christophe Bastin, Thierry Martin

	Conference speaker
17.00 – 17.20	KINEMATIC ANALYSIS OF A TRANSTENSIONAL FAULT SYSTEM THROUGH 3D MODELLING: THE CASE OF THE MOLA PLAIN, ELBA ISLAND (ITALY) Liali Giovanni, Gianpier Algeri, Fabio N.A. Brogna, Ivan Callegari, Luigi Carmignani, Tommaso Colonna, Paolo Conti, Enrico Guastaldi, Angelo Maradei, Antonio Muti, Marco G. Scalisi, Carmela Rezza, Marilena Trotta
	Conference speaker
17.20 – 18.00	CONCLUSION OF THE SESSION Robida Francois
	Conference speaker