

EUROSOIL 2012 Scientific Session Planning

SPACE 7

OPENING CEREMONY - WELCOMING ADDRESSES

3 PLENARY LECTURES: SPARKS D. L., HORN R., MONTANARELLA L.

MONDAY 2		ACERO		OLMO		LECCIO		BIANCO SPINO		ALLORO		MIRTO	
08.30-10.00													
10.30-12.00													
MONDAY 2		ACERO		OLMO		LECCIO		BIANCO SPINO		ALLORO		MIRTO	
13.30-15.00	BLOCKS	S03.01a	S10.01a	S10.01a	W12.01a	W12.01a	S11.01a	S11.01a	S07.05	S07.05	S06.02	S06.02	
15.30-17.00	IV	S03.01b	S10.01b	S10.01b	W12.01b	W12.01b	S11.01b	S11.01b	S04.04	S04.04	S11.08	S11.08	
17.00-18.30	POSTER PRESENTATIONS	S03.01-P	S07.05-P	S07.05-P	S12.04-P	S12.04-P	S11.01-P	S11.01-P	S11.08-P	S11.08-P	S11.04-P	S11.04-P	
		S10.01-P	S06.02-P	S06.02-P	S13.05-P	S13.05-P	W12.01-P	W12.01-P	S04.04-P	S04.04-P	S07.04-P	S07.04-P	
18.30-20.00													
TUESDAY 3		ACERO		OLMO		LECCIO		BIANCO SPINO		ALLORO		MIRTO	
08.30-10.00	BLOCKS	S03.01c	S10.01c	S10.01c	S06.04	S06.04	S10.03a	S10.03a	S08.01a	S08.01a	S07.02	S07.02	
10.30-12.00	II	S12.07a	S05.01a	S05.01a	S03.02a	S03.02a	S10.03b	S10.03b	S08.01b	S08.01b	S06.03	S06.03	
13.30-15.00	III	S12.07b	S05.01b	S05.01b	S03.02b	S03.02b	S10.03c	S10.03c	S02.04	S02.04	W06.01a	W06.01a	
15.30-17.00	IV	S12.07c	S05.01c	S05.01c	S03.02c	S03.02c	S13.02	S13.02	W11.01	W11.01	W06.01b	W06.01b	
17.00-18.30	POSTER PRESENTATIONS	S12.07-P	S02.04-P	S02.04-P	S08.01-P	S08.01-P	S10.03-P	S10.03-P	S13.02-P	S13.02-P	W06.01-P	W06.01-P	
		S05.01-P	W11.01-P	W11.01-P	S07.02-P	S07.02-P	S06.04-P	S06.04-P	S03.02-P	S03.02-P	S06.03-P	S06.03-P	
18.30-20.00	SPECIAL EVENTS		TM01	TM01	BM04	BM04	BM03	BM03	R01	R01	R04	R04	
WEDNESDAY 4		ACERO		OLMO		LECCIO		BIANCO SPINO		ALLORO		MIRTO	
08.30-10.00	BLOCKS	S07.04	S06.01a	S06.01a	S08.02a	S08.02a	S01.01a	S01.01a	S04.05a	S04.05a	S03.03	S03.03	
10.30-12.00	II	S11.02a	S06.01b	S06.01b	S08.02b	S08.02b	S01.01b	S01.01b	S04.05b	S04.05b	W03.01	W03.01	
13.30-15.00	III	S11.02b	S06.01c	S06.01c	S01.04	S01.04	S02.05a	S02.05a	S04.06	S04.06	S11.05	S11.05	
15.30-17.00	IV	S11.02c	S12.02	S12.02	S11.07	S11.07	S02.05b	S02.05b	W05.01	W05.01	S11.06	S11.06	
17.00-18.30	POSTER PRESENTATIONS	W05.01-P	S01.01-P	S01.01-P	S01.04-P	S01.04-P	S11.07-P	S11.07-P	S11.05-P	S11.05-P	S11.06-P	S11.06-P	
		S06.01-P	S04.05-P	S04.05-P	S02.05-P	S02.05-P	W03.01-P	W03.01-P	S12.02-P	S12.02-P	S03.03-P	S03.03-P	
18.30-20.00	SPECIAL EVENTS	S08.02-P	S11.02-P	S11.02-P	S04.06-P	S04.06-P							
THURSDAY 5		ACERO		OLMO		LECCIO		BIANCO SPINO		ALLORO		MIRTO	
08.30-10.00	BLOCKS	BM07	BM01	BM01	BM08/AIP	BM08/AIP	SC02	SC02	R02	R02	R03	R03	
10.30-12.00	II	S02.02	S02.03	S02.03	S11.09a	S11.09a	S07.03a	S07.03a	S11.04	S11.04	S08.04a	S08.04a	
13.30-15.00	III	S05.03a	S04.01a	S04.01a	S11.09b	S11.09b	S07.03b	S07.03b	S04.07	S04.07	S08.04b	S08.04b	
15.30-17.00	IV	S05.03b	S04.01b	S04.01b	S07.01a	S07.01a	S09.02	S09.02	S02.01	S02.01	S05.02	S05.02	
		S05.03c	S04.01c	S04.01c	S07.01b	S07.01b	S09.01	S09.01	S01.03	S01.03			
17.00-18.30	POSTER PRESENTATIONS	S02.02-P	S07.01-P	S07.01-P	S09.02-P	S09.02-P	S02.01-P	S02.01-P	S08.04-P	S08.04-P	S05.02-P	S05.02-P	
		S05.03-P	S11.09-P	S11.09-P	S04.07-P	S04.07-P	S04.01-P	S04.01-P	S09.01-P	S09.01-P	S01.03-P	S01.03-P	
18.30-20.00	SPECIAL EVENTS	S02.03-P	S07.03-P	S07.03-P	S01.02-P	S01.02-P							
FRIDAY 6		ACERO		OLMO		LECCIO		BIANCO SPINO		ALLORO		MIRTO	
08.30-10.00	BLOCKS	BM06	BM02	BM02	BM05	BM05	TD01	TD01	OD01	OD01			
10.30-12.00	II	S04.02a	S12.01	S12.01	S07.06a	S07.06a	S13.04	S13.04	S04.03	S04.03	S13.01a	S13.01a	
13.30-15.00	III	S11.03a	S07.07b	S07.07b	S12.04a	S12.04a	S12.06b	S12.06b	S10.02	S10.02	S13.01b	S13.01b	
15.30-17.00	IV	S11.03b	S07.07c	S07.07c	S12.04b	S12.04b	S08.03	S08.03	S12.05	S12.05	S13.05	S13.05	
17.00-18.30	POSTER PRESENTATIONS	S11.03-P	S12.05-P	S12.05-P	S12.06-P	S12.06-P	S12.03-P	S12.03-P	S13.03-P	S13.03-P	S08.03-P	S08.03-P	
		S12.01-P	S13.04-P	S13.04-P	S10.02-P	S10.02-P	S04.02-P	S04.02-P	S07.06-P	S07.06-P			
18.30-19.00		S07.07-P	S13.01-P	S13.01-P	S04.03-P	S04.03-P							
CLOSING REMARKS													



S01.01a - SOILS AND SEDIMENTS AS NATURAL ARCHIVES

Chair Persons:

Daniela Sauer, Hohenheim - Germany

Alexander Makeev, Moscow - Russian Federation

Wednesday 04 July 2012 from 08:30 to 10:00. Room Biancospino

S01.01a -1

ANCIENT DUNES AND PALEOSOLS OF THE SAHEL AND SAHARA IN EAST NIGER AS ARCHIVES OF PLEISTOCENE AND HOLOCENE CLIMATE CHANGES

Peter Felix-Henningsen, Giessen - Germany

S01.01a -2

LATE PLEISTOCENE-HOLOCENE TEPHRA AND VOLCANIC SOILS IN THE VESUVIUS FOOTHILL, SOUTHERN ITALY: RECONSTRUCTION OF TIME SPANS OF SOIL FORMATION AND CLIMATIC CHANGES

Fabio Scarciglia, Arcavacata di Rende (CS) - Italy

S01.01a -3

POLYGENETIC PODZOLS DEVELOPED OF SLOPE COVER-BEDS IN THE SUDETES MOUNTAINS (SW POLAND)

Cezary Kabala, Wroclaw - Poland

S01.01a -4

IDENTIFICATION AND QUANTIFICATION OF POSTSEDIMENTARY ROOT-DERIVED OM IN LOESS-PALEOSOL SEQUENCES USING LIPID MOLECULAR PROXIES

Martina Gocke, Bayreuth - Germany

S01.01a -5

SOIL WEATHERING AND ACCUMULATION RATES OF POORLY CRYSTALLINE PHASES DERIVED FROM A 1MA CHRONOSEQUENCE

Markus Egli, Zürich - Switzerland

S01.01a -6

DO SMOULDERING FIRES ALONG PEAT COLUMNS AFFECT PALEOENVIRONMENTAL RECONSTRUCTIONS?

Claudio Zaccone, Foggia - Italy



S11.02-P -3

BIOCHEMICAL POTENTIAL AND MOLECULAR IDENTIFICATION OF MICROORGANISMS ISOLATED FROM SOIL AND DIFFERENT ORGANIC WASTES

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The present research was conducted to find out the utilization effect of microorganism that may be likely adapted for the hydrolysis in first methane fermentation stage. For this purpose different habitats like soil, dairy sewage sludge and fruit wastes were screened, using selective media. Our aim was to isolate microorganisms that are capable of complex organic compounds decomposition into simple ones with production of such enzymes as: amylase, protease, pectinase and cellulase. Followed the most numerous c.f.u.'s nine hydrolytically effective strains of bacteria, moulds and yeast were tested. Additionally a rapid method for the microbial cellulases detection was conducted on agar plates medium (2% cellulose) using Gram's iodine during five days culture. Biochemical potential using BIOLOGTM system was evaluated with FF plates for fungi, YT and GEN-III for yeast and bacteria species, respectively. Molecular identification using comparative rDNA sequencing was carried out, comparing the LSU-D2 region for fungi and 16S rDNA fragments for bacterial strains. The Microseq-ID software was used for performing sequence matching and creating Neighbor-Joining trees. The genetically identified strains belonged to the genus: Aeromonas, Morganella, Leuconostoc, Aspergillus, Candida and Pichia. Individual strains varied in their ability to attack various C-source substrates in appropriate Biolog Plates, and presented potential efficiency in decaying cellulose. Its biochemical characterisation indicated that all of presented strains may play a role as a decomposers of different materials, and may be useful in organic wastes degradation process. Scientific work was funded from the budget for science by National Centre of Research and Development in Poland.