



RIO18
21st World Congress
of Soil Science

21 WORLD CONGRESS OF SOIL SCIENCE
Sunday 12 – Friday 17 August 2018
Rio de Janeiro, Brazil

Rio de Janeiro August | 12 - 17

DIVISIONAL SIMPOSIUM – DIVISION 2

Tuesday (Aug, 14)		Room “Bora-Bora I”	
C2.3.2		Molecular techniques as a useful tool to reveal soil biodiversity and biotechnological potential of microbial genomes	
		Convener: Dr. Emanuel M Souza, Universidade Federal do Paraná, Curitiba, Brazil.	
		Co-Convener: Dr. Fátima Maria S. Moreira, Universidade Federal de Lavras, Lavras, Brazil.	
Schedule	ID	Title	Presenter
15:30 – 15:40	--	Opening	Conveners
15:40 – 15:55	541 Invited	Transition in land colonization reflects a multi-trait switch in soil microbial genomes	Joana Falcao Salles
15:55 – 16:10			
16:10 – 16:25			
16:25 – 16:40	1104	Innovative tools to diagnose the impact of land use practices on soil microbial communities	Terrat S.
16:40 – 16:55	2484	The stability of soil fertility and soil microbial communities influenced by long term fertilization	Wei Wenxue
16:55 – 17:10	1092	Sympatric differentiation of active ammonia oxidizing archaea and bacteria in a neutral soil	Zhihui Wang
17:10 – 17:25	3113	Whole Genome Sequencing of Fusarium avenaceum strain F.a.1: A Fungal Strain Showing Biocontrol Potential for Wild Oat	Ricky W. Lewis
17:25 – 17:40	660	Soil conditions comparison in Gros Michel banana plantations infected with Fusarium oxysporum f. sp. Cubense RACE 1.	Katherine Sánchez Zúñiga
17:40 – 17:55	--	Closing	Conveners



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