



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

POSTER SESSION – DIVISION 2

Thursday (Aug, 16)		TOTEN 23	
C2.5.2 WG09		Advances in techniques to investigate soil interfaces to understand interfacial reactions Soil Modeling: Challenges and perspectives in soil modelling	
Schedule	ID	Title	Presenter
13:30 – 13:40	1739	Tolerance to and Accumulation of Cadmium, Copper, and Zinc by <i>Cupriavidus necator</i>	Rayssa Pereira Vicentin
13:40 – 13:50	2020	Transmission X-ray Microscopy (TXM) Reveals the Nonionic Surfactant Adsorption on Bentonite	Yu-Min Tzou
13:50 – 14:00	813	Using DRIFTS to investigate the dynamic effect of organic matter input on soil carbon functional groups	Zhaolong Zhu
14:00 – 14:10	2590	Lithological influence on K, Al concentrations and guano density of Streptoprocane species in quartzitic karst landscape	André Luiz Miranda Reis
14:10 – 14:20	991	The role of organic amendment and cropping system on improving physical and biological properties of a soil poor in quality for sustainable agro-ecosystem	Ardeshir Adeli
14:20 – 14:30	2321	CITRUS ROOT SYSTEM PREFERABLY USES THE MACROPORE SPACE TO EXPLORE COMPACTED SOIL	Mauricio Antônio Coelho Filho
14:30 – 14:40	1037	GEOCHRONOLOGY FOR EVALUATION OF STREAM PIRACY PROCESSES: APPLICATION IN SEDIMENTS OF DRY VALLEYS OF GUARATUBA (SP).	Deborah de Oliveira
14:40 – 14:50	3163	Mineral composition of cowpea (<i>Vigna unguiculata</i>) plants fertilized with bulk and nanoparticulated zinc oxides	Franklone Lima da Silva
14:50 – 15:00	1591	Formulation of a nutrient solution from the foliar response to cultivate pineapple (var. md-2) hydroponically considering fluctuations in the concentration of nutrients in solution	Ronald Alberto Chaves Corea
15:00 – 15:10	2646	Litter dynamic in different landscape compartments of the Brazilian Southern Amazon	Marco Antônio Camillo de Carvalho



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