DIVISIONAL SIMPOSIUM – DIVISION 3

Monday (Aug, 13)		Room "Asia IV, V e VI"	
C3.3.4		**Greenhouse gases emissions associated with fertilizer use**	
		Convener: Bruno J. Rodrigues Alves, Embrapa Agrobiologia, Seropédica, Brazil. E-mail: bruno.alves@embrapa.br	
		Co-Convener: Robert Boddey, Embrapa Agrobiologia, Seropédica, Brazil. E-mail: bob@embrapa.br	
Schedule	**ID**	**Title**	**Presenter**
15:30 – 15:40	--	Opening	Conveners
15:40 – 15:55	532	Soil nitrification, denitrification, N2O emission and associated microbial community and abundances as impacted by long-term fertilization strategies	Yongchao Liang
15:55 – 16:10	585	Significant contribution of soil inorganic carbon in atmospheric CO2 following nitrogen fertilization: a global assessment	Kazem Zamanian
16:10 – 16:25	2129	Dynamics of Greenhouse gas emissions regulated by the strategies of straw return and N fertilization	Xin Ye
16:25 – 16:40	2179	Implication of straw removal for bioenergy production on soil N2O emissions in sugarcane fields in Brazil	João Luís Nunes Carvalho
16:40 – 16:55	808	Determining the mechanisms of N_2O emission using 15N tracer in paddy soil planting with WDR variety under different water management	Sheng Zhou
16:55 – 17:10	1912	Soil greenhouse gas fluxes from vinasse and N application in sugarcane areas with straw removal for bioenergy production	Ana Luisa Soares Vasconcelos
17:10 – 17:25	331	Responses of soil organic carbon turnover to nitrogen enrichment depended on nitrogen addition rates: derived from soil 14C evidences	Qiqi Tan
17:25 – 17:40	1342	Greenhouse gases emissions during pasture intensification	Camila Bolfarini Bento
17:40 – 17:55	245	Treated domestic sewage irrigation significantly decreased the CH4, N2O and NH3 emissions from paddy fields with straw incorporation	Lihong Xue
17:55 – 18:10	--	Closing	Conveners