### POSTER SESSION – DIVISION 2

**C2.5.2**  
**WG09**  
Advances in techniques to investigate soil interfaces to understand interfacial reactions  
Soil Modeling: Challenges and perspectives in soil modelling

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<th>Schedule</th>
<th>ID</th>
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<td>13:30 – 13:40</td>
<td>1739</td>
<td>Tolerance to and Accumulation of Cadmium, Copper, and Zinc by Cupriavidus necator</td>
<td>Rayssa Pereira Vicentin</td>
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<td>13:50 – 14:00</td>
<td>813</td>
<td>Using DRIFTs to investigate the dynamic effect of organic matter input on soil carbon functional groups</td>
<td>Zhaolong Zhu</td>
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<td>14:00 – 14:10</td>
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<td>Lithological influence on K, Al concentrations and guano density of Streptoprocane species in quartzitic karst landscape</td>
<td>André Luiz Miranda Reis</td>
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<td>14:10 – 14:20</td>
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<td>The role of organic amendment and cropping system on improving physical and biological properties of a soil poor in quality for sustainable agro-ecosystem</td>
<td>Ardeshir Adeli</td>
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<td>14:20 – 14:30</td>
<td>2321</td>
<td>CITRUS ROOT SYSTEM PREFERABLY USES THE MACROPOR Space TO EXPLORE COMPACTED SOIL</td>
<td>Mauricio Antônio Coelho Filho</td>
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<td>14:30 – 14:40</td>
<td>1037</td>
<td>GEOCHRONOLOGY FOR EVALUATION OF STREAM PIRACY PROCESSES: APPLICATION IN SEDIMENTS OF DRY VALLEYS OF GUARATUBA (SP).</td>
<td>Deborah de Oliveira</td>
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<td>14:40 – 14:50</td>
<td>3163</td>
<td>Mineral composition of cowpea (Vigna unguiculata) plants fertilized with bulk and nanoparticulated zinc oxides</td>
<td>Franklone Lima da Silva</td>
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<td>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</td>
<td>Ronald Alberto Chaves Corea</td>
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<td>15:00 – 15:10</td>
<td>2646</td>
<td>Litter dynamic in different landscape compartments of the Brazilian Southern Amazon</td>
<td>Marco Antônio Camillo de Carvalho</td>
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