# POSTER SESSION – DIVISION 1

| Monday (Aug, 13) | | TOTEN 5 | |
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| **C1.2.2** | | Remote sensing applied to soil science | |
| **Schedule** | **ID** | **Title** | **Presenter** |
| 13:30 – 13:40 | 1536 | Assimilating satellite images and soil spectroscopy to model soil loss to evaluate crop residues removal for bioenergy | Bruna Cristina Gallo |
| 13:40 – 13:50 | 3220 | A comprehensive multi-objective sampling layout optimization method | Ziyue Chen |
| 13:50 – 14:00 | 2537 | Building a spectral library for estimating soil texture in the Santa Catarina State, Brazil | Elvio GIASSON |
| 14:00 – 14:10 | 2095 | Comparative analysis of five digital elevation models: SRTM, ASTER, ALOS-PALSAR, UAV and Laser Scanner | Athos Alves Vieira |
| 14:10 – 14:20 | 2754 | Delineating soil nutrient management zones based on fuzzy clustering optimized by sPCA in a Colombian Oxisol. | Ruby S. Hernández S. |
| 14:20 – 14:30 | 2760 | Determination of potential soil management zones from soil electrical conductivity, DEM and yield data in an Oxisol of Colombia | Jaime H. Bernal R. |
| 14:30 – 14:40 | 2275 | Determination of the P index for the watershed area of the Marrecas stream using geoprocessing | Joelma Divina Murliki |
| 14:40 – 14:50 | 2211 | Digital elevation based soil mapping method for hilly areas built up of unconsolidated sediment | Károly Kovács |
| 14:50 – 15:00 | 2214 | Discriminatory performance of data obtained by unmanned aerial vehicle in soil-plant systems | Filipe Castro Felix |
| 15:00 – 15:10 | 2928 | Geo-environments of the southern part of Sempre-Vivas National Park, Espinhaço, Minas Gerais, Brazil | Raphael Wakin de Araujo |