## International Conference on Applications of Radiation Science and Technology

## Tuesday, 25 April 2017

## **B05:** Radiotracers for Energy of the Future I - Conference Room M2 (11:15 - 13:15)

-Conveners: TSec Patrick Brisset; Muthanna Al-Dahhan

| time  | [id] title                                                                                                                                 | presenter                             |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
|       | [19] Liquid Holdup Studies in a Cocurrent Gas-Liquid Upflow Moving Packed<br>Bed Reactor with Porous Catalyst Using Gamma Ray Densitometry | Mr AL-DAHHAN, Muthanna                |
|       | [18] Bed Expansion Studies in Upflow Moving Catalytic Packed/Expanded Bed<br>Hydrotreating Reactror Using Gamma Ray Densitometry           | Mr ALEXANDER, Vineet                  |
| 11:45 | [57] Radioactive Tracing of an Industrial Scale Continuous Pulp Digester                                                                   | Mr CHANDRA, Avinash                   |
|       | [287] Evaluating the Operating Conditions of a Rectifier Column Using Gamma<br>Column Scanning                                             | Mr AQUINO, Denis                      |
|       | [117] Gamma Scanning Technique as an Efficient Investigation Tool for<br>Diagnostics and Troubleshooting in Industry – Case Studies        | Mr NGUYEN HUU, Quang                  |
| 12:30 | [323] Validation of CFD Codes Using Radiotracer RTD Analysis of Stirred<br>Vessels                                                         | Mr DAGADU, Christian Priesley<br>Kofi |
| 12:45 | Discussion                                                                                                                                 |                                       |