

## CONFERENCE

### Recovery of Secondary Raw Materials from Mining Residues and Waste, case studies and best practices

**23 May 2019**

TU Berlin

Straße des 17. June 135, 10623 Berlin, Germany

Ground floor, room H0106

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Conference participation is free of charge (no registration fee). Registration is mandatory (for logistics purposes). Please fill the registration form at the following link:

<https://forms.gle/LwPQhkunBiNqVcqz8>

| PROGRAM  |       |   |                    |
|--|-------|---|--------------------|
| 9:00   | 9:30  | Registration  |                    |
| Knowledge Base, Circular Economy and Resource Planning & Management    |       |   |                    |
| 9:30   | 9:50  | Conference opening  | T. Carvalho        |
| 9:50   | 10:10 | Classification of anthropogenic resources   | S. Heuss-Aßbichler |
| 10:10  | 10:35 | ProSUM and ORAMA projects   | P. M. Mahlitz      |
| 10:35  | 11:00 | Attainment of a database for the valorisation of tailings in mining regions   | M. Alonso          |
| 11:00  | 11:20 | coffee break  |                    |
| Characterization and exploration. Research and industrial case studies |       |   |                    |
| 11:20  | 11:35 | RawMatCop. Investigating how Earth Observation can boost mineral and material extraction and environmental impact monitoring                          | I. Benito          |
| 11:35  | 11:50 | Grade estimation in the high phosphorous and low grade stockpiles at the Choghart iron mine of Iran using geostatistical modelling.                   | S. Kasmaee         |
| 11:50  | 12:15 | Cop-Piles: Sampling optimization in stockpiles/tailings, for grade mapping of Raw Materials using Geostatistical analysis and Earth Observation data. | S. Kasmaee         |
| 12:15  | 12:40 | Integrated multidisciplinary approach for management and reusing mining waste.  | D. Guglietta       |
| 12:40  | 13:30 | Lunch   |                    |

| Processing. Industrial case studies   |       |   |                   |
|---------------------------------------|-------|---|-------------------|
| 13:30                                 | 13:55 | RemovAL: Removing the waste from the alumina industry - Mytilineos S.A., Metallurgy Business Unit.  | E. Balomenos      |
| 13:55                                 | 14:20 | Red mud processing optimization in order to leaching out Sc & REEs, the reuse of residuals in construction industry, VIP project, Almásfüzitő-Budapest-Miskolc. | B. Kovács         |
| 14:20                                 | 14:45 | Planta Tratamiento Relaves Minera Valle Aconcagua (PTR-MVA). Copper recovery from fresh tailings.   | C. Cormio         |
| 14:45                                 | 15:05 | coffee break  |                   |
| Processing. Applied research projects |       |   |                   |
| 15:05                                 | 15:30 | Copper metallurgical slags: bioleaching for resource recovery   | E. Van Hullebusch |
| 15:30                                 | 15:55 | Radiometric Methods Applied in Hydrometallurgical Processes Development and Optimization  | M. Rogowski       |
| 15:55                                 | 16:00 | short break   |                   |
| 16:00                                 | 16:50 | Roundtable discussion   | All participants  |
| 16:50                                 | 17:00 | Closing remarks   | P. Cleall         |