UNIVERSIDAD COMPLUTENSE MADRID

PROYECTO: PID2021-125797OB-I00

BIOMETALLURGY FOR THE RECOVERY OF INDIUM AND GALLIUM FROM ELECTRONIC WASTE

Eric D. van Hullebusch

Professor (Full) at
Univeristé Paris Cité

26 de abril de 2024 @ 12:00

Sala de Grados (Biblioteca)
Facultad de Ciencias Químicas

FACULTAD DE CIENCIAS QUÍMICAS
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PROGRAMA DE DOCTORADO INGENIERÍA QUÍMICA

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The presentation will highlight recent advancements in the recovery of technology critical elements (TCEs), specifically indium and gallium, from end-of-life (EoL) products, such as electronic waste (e-waste). Given the significance of these elements in high-tech applications like communication, renewable energy, and display technologies, ensuring their sustainable supply is crucial. The presentation will discuss innovative pre-treatment and hydrometallurgical and biohydrometallurgical methods for indium and gallium recovery from spent liquid crystal displays (LCDs) and light emitting diodes (LEDs).

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