



# INTERNATIONAL CONFERENCE : VALORIZATION AND REUSE OF WASTES AND CIRCULAR ECONOMY

**Date :** - **SEPTEMBER 2, 2021**

**Location:**

Maison Internationale de la Recherche -  
Neuville-sur-Oise, France

**Registration :** Deadline: Friday August 27,  
2021

Free participation

Registration on line: <https://l2mgc.cyu.fr/CY-VRM-CE21>

**Mode:** hybrid online & face-to-face



**Topics:**

- Recycling, Reuse, of unpolluted waste in concrete
- Life Cycle Assessment
- Circular Economy
- Bio-based materials

CONFERENCE CHAIR: ELHEM GHORBEL, CO-CHAIRS GEORGE WARDEH

**ARDANUY Monica** “The use of fibers from end-of-life clothes & Textile remnants as reinforcement for sustainable building materials” Universitat Politècnica, Catalunya, Spain

**BERDER Mathilde** “Principles of the circular economy and its application to Public Works”. ANBDD, Normandie, France

**DANSO Humphrey** “Utilization of Rice Husk Waste As Reinforcement in Cement Mortar for Sustainable Construction” Akenten Appiah-Menka University, Ghana

**DAOUD Atef** “Self-consolidating waste tire rubberized concrete for structural applications” University of Sfax, Tunisia

**FERRARA Liberato** “Thinking beyond a holistic cradle to cradle life cycle approach to sustainability of cement-based construction materials”, Politecnico di Milano, Italy

**GHORBEL Elhem QMICHOU Omar** “On the use of excavated earth hemp mortars as thermal insulation materials” CY Cergy-Paris university & TRACTEBEL , France

**GONZALEZ Belén** “Different alternatives to increase sustainability of cement-based materials. “University of A coruña, Spain

**IGNJATOVIC Ivan** “Recycled Aggregate Concrete for structural application – lessons we learnt from experimental investigations.” University of Belgrade-Serbia

**KARRECH Ali** “The recycling of delithiated beta-spodumene into a geopolymer precursor “ University of Western, Australia

**KHATIB Jamal** “Potential use of waste and natural materials in structural elements” Beirut Arab University, Lebanon & University of Wolverhampton, UK

**MERTA Ildiko** “Natural fibers from industrial waste as fibre reinforcement in cementitious composites” TU Wien, Austria

**OMARY Safiullah, Nicolas SERRES, Françoise FEUGEAS** “Life Cycle of Cementitious Materials : Environmental and Scientific Challenges” INSA Strasbourg, France

**SILVA Pedro** “Municipal solid waste bottom ash for concrete: solving a two-fold problem” Polytechnic Institute of Lisbon, Portugal

**TUNJI-OLAYENI Patience** “Adoption and diffusion of bio-based building materials through active stakeholder engagement: a case of bio based supplementary cementitious materials” Covenant University-Nigeria

**ZAHARIEVA Roumiana** “Sustainable approach in recycling of C&D waste into alternative binders.” University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria