Luc COURARD

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Luc Courard is graduated in civil engineering from the University of Liège where he obtained his PhD in 1998. He had a post-doctoral fellowship at Laval University, Québec, Canada, where he developed the analysis of concrete surface and the effect of surface preparation techniques. He is now Professor of Building Materials at the University of Liege and Honorary Professor at the Warsaw University of Technology, Poland. Luc Courard is the president of the Department of Architecture, Environment, Geology and Construction of the University of Liège and developed among others academic contacts in China, Vietnam, Romania, Argentina, Burkina Faso, Madagascar, RD Congo. His research interests include durability of concrete, repair materials and techniques and use of by-products in concrete technology. He is director of GeMMe Building Materials group which is active in the characterization of materials, specifically recycled products from construction industry but also wastes to be introduced in the manufacture of building materials. GeMMe Building Materials group has been involved in several research projects oriented to the increase of the thermal performances of buildings (aPROpaille, AGROMOB, DREAM), as well as the development of recycled materials concrete based (VALDEM, ECOLISER, ConRePaD, SeRaMCo). He is the author or co-author of more than 300 scientific papers, publications and reports.

- Interreg NWE SeRAMCo Secondary Raw Materials for Concrete Precast Products (introducing newproducts, applying the circular economy). Collaboration ULiège, TUKaiserslautern, ULorraine, TU Delft et ULuxembourg
- PRD Amélioration de la qualité de l'habitat en Briques de Terre Crue au Burkina Faso (2016-2021). Collaboration ULiège, UCL et 2iE (Burkina Faso)
- Interreg FWVL VALDEM Solutions intégrées de valorisation des flux "matériaux" issus de la démolition des bâtiments : Approche transfrontalière vers une économie circulaire (2016-2020). Collaboration CTP, IMT Douai, ULiège, INISMa, Neo ECO, GreenWin, Team2, CD2E
- ECOLISER ÉCOliants pour traitement de Sols, Etanchéité et Routes. Projet FEDER (2016-2020) CTP, INISMa, CRR, ULiège, UMons
- Beware Academia CONRePaD Composition de béton à base de granulats recyclés en utilisant la technique de compacité de l'empilement granulaire
- AGROMOB (2012-2014) Amélioration de l'inertie thermique des bâtiments à ossature bois par incorporation de matériaux biosourcés au moment de la préfabrication. Programme Cwality (MOBIC/ULiège).
- DREAM (2012-2014) Détermination de la performance et de la DuRabilité de l'Etanchéité à l'Air des produits, parois et des assemblages : iMpact sur les règles de mise en œuvre. Programme Erable (CSTC/ULiège)
- aPROpaille (2012-2014) Vers une reconnaissance de l'usage de la paille comme matériau isolant dans la construction. Programme Erable (UCL/ICEDD/PailleTech/GbxAgroBioTech, ULiège).