

## **GHORBEL Elhem**

Born on 5 November 1962  
Professor at the university of  
Cergy-Pontoise  
Laboratory of Mechanics and  
Materials of Civil Engineering



### **RESEARCH FIELDS**

- Mechanics of Polymers- Modelling.
- Mix design, mechanical and fracture behaviour of concretes: self-compacting, based resin, bitumen and geopolymers.
- Valorisation of by-products in concretes.
- Durability of heterogeneous materials: aging, Chemical attacks and freezing-thawing resistance
- Composites in concretes: repairing, reinforcement, confining.

### **ACADEMIC CAREER**

- **1986:** Degree in Engineering from higher national school of Art & Métiers
- **1986:** DEA (Magister) mechanics and materials.
- **1990:** PhD thesis in materials science and engineering from E.N.S. M.P.
- **2001:** Habilitation in civil engineering.

### **INSTITUTIONAL ACTIVITY**

- Head of the Civil Engineering Department - sustainable construction at the IUT of Cergy-Pontoise between 2007-2010
- Member of the administrative council at the university of Cergy-Pontoise between 2012 and 2016.
- Member of the council for Studies and University Life at the university of Cergy-Pontoise between 2007 and 2010.
- Member of the research council of the University of Cergy-Pontoise since 2017
- Member of CHSCT
- Invited member of Technical committee

### **SCIENTIFIC RESPONSIBILITIES:**

- Expertise of ANRT projects (2011 and 2012)
- Expertise of ANR projects (2016)
- Scientific director of the ANR VD "ECOREB" approved in December 2012
- Member of the ANR MICRO approved in 2016 and responsible for activities carried out at the university of Cergy-Pontoise.
- Member of the scientific committee of PN RECYBETON and co-pilot of the Working Group GT5.

### **NATIONAL RESPONSIBILITIES:**

- Elected member of the NUC 60<sup>th</sup> Section.
- Vice President of the AFGC Ile de France,
- Member of the CAI

## **INTERNATIONAL RELATIONSHIPS**

- Involvement in a Tassili 2012 project "Sustainability of a BV and BAP based on recycled brick aggregates" in collaboration with Pr Said KENAI of Saad Dahlab University - Blida- Algeria
- French Head of the Utique 2014 project "Rheological and Mechanical Behavior of Recycled Polymers and Aggregates".
- Responsible for agreements with foreign universities (Italy, Algeria, Turkey, Tunisia, UK, Bulgaria, ...)

## **PUBLICATIONS AND DIRECTION OF THESES**

### **Director of 18 theses including:**

- 14 thesis supported
- 5 thesis in progress

### **Publications**

- 56 International Conferences with peer-reviewing and proceedings
- 10 international conferences without proceedings
- 8 Invited Conferences
- 45 National Conferences with proceedings
- 43 publications in international peer-reviewed journals

## **THESIS / HDR JURIES**

- 18 thesis juries
- 3 HDR juries

## **MEMBER OF THE SCIENTIFIC COMMITTEE OF CONGRESS (18)**

## **ORGANIZATION CONFERENCES, CONFERENCES, STUDY DAYS ( 8)**

## **EDITORIAL ACTIVITIES**

- Expertise in peer-reviewed journals: Composites Science and Tech., Cement and Concrete Research, Construction and Building Materials, International Journal of Plastics, ...
- Member of the editorial board of the Scientific Book of the work carried out within the framework of the RECYBETON NP in progress
- Member of the editorial committee of the guide of good practices of recycled concrete within the PN RECYBETON, guide in progress
- Member of the editorial board of Advances in Civil Engineering
- Member of the editorial board of the Journal of Modern Mechanical Engineering and Technology.
- Member of editorial board of Modern Civil and Structural Engineering.