



SAVE THE DATE

2021 Online Seminar on Progress of Recycling in the Built Environment

3 December 2021 – 11 am (GMT)

Speakers:

Prof. Anette Müller, *Institut für Angewandte Bauforschung Weimar GmbH, Germany*

Prof. Chi Sun Poon, *The Hong Kong Polytechnic University, Hong Kong*

Prof. Jorge De Brito, *Instituto Superior Técnico, University of Lisbon, Portugal*

Prof. Vanderley John, *University of Sao Paulo, Brazil*

Organisers: Isabel Martins, Carina Ulsen, Yury Villagrán

For more information contact
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(attendance will be free of charge, but registration is mandatory)



Prof. Anette Müller studied Engineering of Building Materials at the University of Architecture and Construction in Weimar, Germany, holds a PhD on the kinetics of calcium carbonate decomposition and Habilitation in the field of chemistry of cement. She was Full Professor for “Processing and Re-Use of Building Materials” and currently is Senior scientist at the IAB Weimar Institute of Applied Construction Research. Her research activity is in the field of recycling of Construction and Demolition Waste.

Ir Prof. Chi Sun Poon is currently Chair Professor of Sustainable Construction Materials and Associate Head of the Department of Civil and Environmental Engineering of The Hong Kong Polytechnic University. He obtained his PhD from Imperial College, London and spent two years as a Research Fellow at Oxford University specializing in cement and concrete research. He pioneered the development of the Eco-block technology for turning wastes into construction materials





Prof. Jorge de Brito graduated in Civil Engineering, branch of Structures and holds a PhD in Civil Engineering, Bridge Management Systems. He is Full Professor at the Department of Civil Engineering, Architecture and Georesources of Instituto Superior Técnico, University of Lisbon, Portugal. He is presently the Head of the Department with 130 teaching staff, the largest one in Portugal in Civil Engineering. He is the coordinator of CIB W80 and CIB W86. He is Director of The Eco-Construction and Rehabilitation Doctoral Program, with the 5 top Portuguese Universities and LNEC.

Prof. Vanderley John graduated as a Civil Engineer and holds a Dr. Eng. with a thesis on alkali-activated slags cements. He is Professor of Building Materials at Polytechnic School of the University of São Paulo, Brazil. His research interest is on eco-efficient in the field building materials, particularly cement-based materials with very low binder, high-filler content.





Program

11.00 – 11:10	Opening session
11:10 – 11:40	<i>Construction and Demolition Waste as new raw material source?</i> Prof. Anette Müller
11:40 – 12:10	<i>Total recycling of crushed concrete by accelerated carbonation</i> Prof. Chi Sun Poon
12:10 – 12:40	Q&A
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12:40 – 13:00	Break
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13:00 – 13:30	<i>Recycled aggregate concrete: Lessons learned</i> Prof. Jorge de Brito
13:30 – 14:30	<i>Circular economy and the construction</i> Prof. Vanderley John
14:30 – 15:00	Q&A
