

# Ecological and Functional Building Materials

时 间：2021年6月29日（星期二）16:00-18:00

地 点：腾讯会议（212 776 911）

点击链接入会：<https://meeting.tencent.com/s/hH6DDy2boeWx>

报告人：Prof. Dr. ir. H.J.H. Brouwers

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**Abstract:** Building materials are globally by far the most produced materials, involving huge amounts of energy, water and raw materials. In this presentation new developments towards more ecological and functional building materials are presented. Examples involve silicate building materials, biobased materials, lightweight materials, nano-materials, coatings, recycling etc.



**Brief introduction:** Prof. Dr. Ir. H.J.H. Brouwers is an internationally leading scientist on sustainable building materials. He is currently the chair of the research group Building Materials and head of the Unit Building Physics and Services (BPS) in the Department of the Built Environment at Eindhoven University of Technology (the Netherlands). His research interests include the development of new building materials composed of cement, gypsum, lime and cementitious by-products, such as concrete, cement-wood composites, autoclaved aerated concrete and stabilized waste. He has published about 240 publications. His research is among others funded by the European Commission, Dutch Technical Science Foundation, Dr. Ir. Cornelis Lely Foundation, M2i and AgentschapNL, and by a sponsor group consisting of 18 public and private organizations. The total external funding of his chair exceeds 800,000 Euro (600万人民币元) per annum.

荷兰埃因霍温理工大学，全球百强高校，2017年《泰晤士报》全球大学排名发布的“全球25所与创新企业合作最紧密大学”中排名第一。

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