

# "Sustainable building and new innovations" - webinar & The Award of the Concrete Structure of the year 2020

21.1.2021, time 14.00 -17.00



## Lecturers:

### **Kasper Guldager Jensen**

*3XN/GXN, Architect MAA, Senior Partner 3XN, Director GXN*

Kasper Guldager Jensen is Senior Partner at 3XN and Director of innovation company, GXN, established in 2007 to innovate and apply new knowledge and technology. The 'G' stands for Green, highlighting GXN's dedication to ecological design research. The mission of GXN is to develop a building culture that positively affects the world we live in - both architecturally and environmentally. Kasper is passionately engaged in sustainability design, digital processes, and new materials. In the space of a few years he has become a spokesperson for the shape of future architecture, focusing on circular economy and integration of new materials and green technologies.



Kasper Guldager Jensen

### **Henna Helander**

CEO, Paimio Sanatorium Foundation and Paimio Sanatorium Real Estate Company, President, M.Sc. (archit.) Finnish Association of Architects, SAFA at Suomen arkkitehtiliitto SAFA



Henna Helander

### **Jouni Punkki**

Professor of Practice at Aalto University, Civil Engineering and CEO at Betoniviidakko Oy.



Jouni Punkki

### **Antti Kosonen**

Antti Kosonen was born in Imatra, Finland, in 1980. He received the M.Sc. and D.Sc. degrees in electrical engineering from Lappeenranta University of Technology (LUT), Lappeenranta, Finland, in 2005 and 2008, respectively. He is currently an Associate Professor in the Department of Electrical Engineering, LUT. Currently, the main projects are POQELYZER and P2XEnable. He was a researcher in internationally recognized Neo-Carbon Energy and SOLETAIR projects. In the SOLETAIR project, chemicals were produced directly from the sun and air. He has built up a zero-energy log house project. He has been developed a loss measurement technique, which is included into a new international energy efficiency standard. He has been applied bi-directional broadband power line communication in a motor cable between a frequency converter and a motor first time in the world. He has 97 publications with h-index of 16 and four patents in total. His current research interests include power-to-X systems, electrolyzers, solar PV power, energy efficiency, calorimetric measurement systems, and power line communication.



Antti Kosonen