

Speaker profiles

	<p>Nicholas Nisbet (Director, AEC3) is a consultant on digitisation of the construction sector specialising in the role of standards for collaborative processes and BIM. He is active in ISO, CEN, British Standards and buildingSMART communities.</p>
	<p>Dr Michael Sansom is a Chartered Environmentalist with over 20 years post-doctorate experience of project management, R&D and consultancy services in the environmental, construction and steel sectors.</p> <p>Michael is an Associate Director at SCI with responsibility for sustainability. He is involved in a range of sustainable construction activities including life cycle assessment, carbon foot-printing, BREEAM, BES6001, reuse, recycling, the circular economy and operational carbon emissions assessment and reduction.</p>
	<p>Mark Lawson is Professor of Construction Systems at the University of Surrey and a Specialist Consultant to the Steel Construction Institute (SCI). He was research manager at SCI for steel in buildings for 20 years, and was involved in developments in composite construction, fire engineering, light steel framing and modular construction both in the UK and in European projects. A graduate of Imperial College, and PhD at the University of Salford, he spent his early career at Ove Arup and Partners and the Construction Industry Research and Information Association. He is a member of the Institutions of Civil and Structural Engineers. His presentation will cover the design and use of demountable composite beams.</p>
	<p>Markus Kuhnhenne is the Professor for Sustainable Metal Building Envelopes at RWTH Aachen University. Markus has extensive R&D and consultancy experience in building physics, energy efficiency and sustainability.</p> <p>In addition to his academic work, Markus is active on a number of committees including the European Convention for Constructional Steelwork (ECCS), Construction Products Europe (CPE), German Sustainable Building Council (DGNB) and the European Steel Technology Platform (ESTEP).</p>
	<p>Milan Veljkovic is professor of Steel and Composite Structures at the Faculty of Civil Engineering and Geosciences of TU Delft. The projects he is involved in are on the cutting edge of steel and composite building and civil engineering structures. Milan Veljkovic is specialized in the use of high strength steel in structures and in economic, durable and sustainable steel structures. Milan Veljkovic is also chairman of the ECCS (European Convention of Constructional Steelwork) Technical Management Board.</p>

	<p>Viorel Ungureanu is Professor of Steel Structures and Structural Mechanics and Executive Director of the Research Institute for Renewable Energy at the Politehnica University of Timisoara. He is also Senior Researcher at the Laboratory of Steel Structures of the Romanian Academy - Timisoara Branch.</p> <p>Viorel's main research area is in the field of structural engineering with expertise in steel structural members and systems, cold-formed steel structures, structural analysis and stability and sustainable constructions. He is member of ECCS TC7 Committee for Thin Walled Structures and Chairman of ECCS TC14 for Sustainability and Eco-Efficiency of Steel Construction.</p>
	<p>Dr Ana Girao-Coelho is a Technical Specialist at the SCI in the UK. Prior to this, she was an Academic at Universities, in Portugal, the Netherlands and the UK. She specializes in the area of structural integrity and failure, and has extensive knowledge of the analysis and design of structures in mild and high-strength steel. She has been involved in major programmes of combined experimental, numerical and analytical work underpinning design treatments in Eurocode 3, in particular for the design of structural steel joints in buildings and civil engineering structures.</p>
	<p>Petr Hradil is a Senior Scientist at VTT Technical Research Centre of Finland. Petr has a master (Ing.) degree in design of buildings and doctoral (PhD) degree in theory of structures from Brno University of Technology, Czech Republic. He has 15 years of research experience in civil engineering, building and infrastructure materials. Petr is project manager related to national and international R&D&I activities in structural and environmental performance of wood and metal building elements. Petr is member of Technical Committee 14 (Sustainability) of the European Convention for Constructional Steelwork ECCS and International Association for Life-Cycle Civil Engineering IALCCE. His recent activities focused on reuse of building products and on pre-demolition audits.</p>
	<p>Ricardo Pimentel has an MEng and a MSc in Steel and Composite Structures from the University of Coimbra. Currently, Ricardo is a principal structural engineer at the Steel Construction Institute (SCI), UK. Before joining SCI, Ricardo worked for a steelwork contractor and later in a structural design office. Ricardo has experience in concept design, analysis, design and detailing of steel, composite, concrete, timber and foundations and has worked on a range of structures including industrial and multi-storey buildings, sports facilities with long span roofs, pedestrian bridges, road bridges and offshore structures.</p>



Christoph Odenbreit is Professor of Steel and Composite structures at the University of Luxembourg and holds the Arcelor Mittal Chair of Steel and Façade Engineering.



Jan-Pieter den Hollander was trained as a structural engineer at TU Delft. After finishing his studies he worked a couple of years at an engineering firm and for a building journal. At Bouwen met Staal his focus is on sustainability and the circular economy. In 2018 Jan-Pieter presented at MIT (the IASS2018 congress) a parametric solution for quantifying circularity in a building design. Further he is managing director of MRPI; the Dutch program operator for publishing environmental product declarations (EPD).



Professor Dennis Lam is the Chair of Structural Engineering in the School of Engineering and the Director of Bradford Centre for Sustainable Environments at the University of Bradford, UK. He is a Chartered Engineer, Fellow of the Institution of Structural Engineers and Member of the Institution of Civil Engineers. Before joining the academia, he had spent more than ten years in engineering practices. He is currently a Distinguished Visiting Professor at the Tsinghua University in China. He is the European Editor-in-Chief for Steel & Composite Structures and serves on the editorial boards for six other international journals in structural engineering. He is the President of the Association for Steel – Concrete Composite Structures (ASCCS) and chairs the Working Group of the European Standard Committee responsible for the systematic reviews of the Eurocode 4.