How Structural Understanding Informs Architectural Design

A look at a research itinerary somewhere between architecture and engineering

Laurens Luyten, Dr. Civil Eng., (°1969) obtained a Master in Civil Engineering in 1991, and an additional degree in Architectural Engineering at KU Leuven. In 2012 he obtained his PhD in Architecture at Chalmers University, Gothenburg, Sweden. Since 1996 he has been teaching structural courses to undergraduate and graduate students at Sint-Lucas School of Architecture, now Faculty of Architecture, KU Leuven. In January 2013 he was appointed as assistant professor and elected as head of the unit Architecture & Building Technology. He has 17 years of experience as independent structural engineer (Babel Ingenieurscollectief). Based on his experience as structural engineer and scholar in structural education, he started his doctoral research in 2006 focusing on the creative collaboration of structural engineers and architects from an early start of the design process. Besides this focus, he also engages in research on the development of conceptual knowledge in structural education of architecture students.

Laurens Luyten, le 10 mars à 18h30
Conférence de l’Ecole Doctorale Thématique AUIAU - FRS/FNRS

Auditoire 102, 1er étage, Faculté d’architecture de l’ULB, entrée rue du Belvédère 21, à 1050 Bruxelles

Laurens Luyten, Dr. Civil Eng., (°1969) obtained a Master in Civil Engineering in 1991, and an additional degree in Architectural Engineering at KU Leuven. In 2012 he obtained his PhD in Architecture at Chalmers University, Gothenburg, Sweden. Since 1996 he has been teaching structural courses to undergraduate and graduate students at Sint-Lucas School of Architecture, now Faculty of Architecture, KU Leuven. In January 2013 he was appointed as assistant professor and elected as head of the unit Architecture & Building Technology. He has 17 years of experience as independent structural engineer (Babel Ingenieurscollectief). Based on his experience as structural engineer and scholar in structural education, he started his doctoral research in 2006 focusing on the creative collaboration of structural engineers and architects from an early start of the design process. Besides this focus, he also engages in research on the development of conceptual knowledge in structural education of architecture students.

ÉCOLE DOCTORALE THÉMATIQUE ARCHITECTURE, URBANISME, INGENIERIE ARCHITECTURALE ET URBAINE
Université de Liège, Université Catholique de Louvain, Université de Mons, Université Libre de Bruxelles