MONDAY JUNE 26, 2023

10:00 am  Aurélie Verhelst
Modular Textile Reinforced Concrete (TRC) shells: Optimization of structural test set-up for shells

10:30 am  Nick Mens
Designing and prototyping modular structures using thin wooden plates through active bending

11:00 am  Marie-Louise Giraud
Controlled Buckling Actuation of Kirigami Modules: A Design-Driven Experimental Exploration

11:30 am  Emmeline Brouwers
Self-healing concrete with fungi: An experimental investigation on the encapsulation of fungal healing agents for their embedment in cementitious materials

1:30 pm  Nelly Alardin
Historic steel structures (1930s - 1990s): Exploring the development of calculation methodologies and characteristics of Belgian steel structures

2:00 pm  Céline Clarysse
Assessing the load-bearing behaviour of historic cast iron columns: A guideline for architects and engineers

2:30 pm  Kaj-Wolf Depuydt
Assessing glulam roof structures: A historical and typological analysis of post-war church roofs

TUESDAY JUNE 27, 2023

10:00 am  Neel Verhavert
Calculation Techniques for Residual Value of Building Components

10:30 am  Lena Jénart
Design guide for the reuse and storage process: Lessons learned from case studies

11:00 am  Samar Elshobaky
Transforming abandoned warehouses into temporary social housing through circular reuse

11:30 am  Xantippe Van Schoor
Uncovering the multifaceted nature of temporary use in vacant spaces: An exploration and visualisation of material flows

1:30 pm  Romane Lauwers
The art of demolition: An investigation into the demolition process in the Manhattan Project (Brussels, 1967-1995)

2:00 pm  Sen Dhollander
Obsolescence in Brussels: The redevelopment of post-war office buildings in the Leopold Quarter (1944-2022)

2:30 pm  Esteban Welschen
Post-COVID public transport: lessons learnt and case study of a Brussels hub