

WOOD CONSTRUCTION

CHALLENGES AND OPPORTUNITIES

DEPARTMENT OF THE CIVIL ENGINEERING
UNIVERSITY OF COIMBRA

| 27 MARCH - 2023

08:00 - 09:00

Registration

09:00 - 09:30

Opening session

09:30 - 11:00

S1 - TIMBER CONSTRUCTION: ARCHITECTURE LINKED WITH SUSTAINABILITY - PART 1

KEYNOTE

Architecture with timber for high-rise buildings
- **GONÇALO BYRNE (ORDER OF ARCHITECTS)**

Wood as a key to sustainability

- **AROLLA**

11:00 - 11:30

COFFEE - BREAK ☕

11:30 - 12:30

S2 - DESIGN AND EXECUTION OF TIMBER STRUCTURES

Timber structures - a new Era, challenges and opportunities - **JOÃO NEGRÃO (UC)**

Mixed structures - performance and benefits

- **LUIS JORGE (IPCB)**

Connections in timber structures - new developments

- **RICARDO BRAZ (ROTHOBLAAS), SANDRA MONTEIRO (UC)**

12:30 - 14:00

LUNCH

14:00 - 16:15

S3 - DETAILING, DURABILITY AND MONITORING IN TIMBER CONSTRUCTION

KEYNOTE

Impulso Verde - a successful example of a public infrastructure - **ANTONIO L. BOCANEGRA (UPM)**

Fire behaviour of timber structures

- **PEDRO PALMA (EMPA)**

Timber structures - execution

- **ANDREW LAURENCE (ARUP)**

Maintenance and monitoring of timber structures

- **JOSÉ SAPORITI (LNEC), HELENA CRUZ (LNEC)**

16:15 - 16:45

COFFEE - BREAK ☕

16:45 - 18:00

S4 - TIMBER STRUCTURES - CASE STUDIES I

Bikini beach club - Ilha do Sal - **HUGO MACHADO (INWOOD)**

Calçada de Carriche - **JOÃO FIGUEIREDO, SILVIA FERNANDES (CARMO)**

Centro de Alto Rendimento de Anadia / Velódromo

- **RUI ROSMANINHO (RUI ROSMANINHO ARQUITECTO)**

Construção Off-site 3D: Projeto West Cliffs

- **HELDER SANTOS (JULAR)**

Projeto Crisálida - Galiza - **LUIS BATISTA (SONAE)**

20:00 - 23:30

EVENT DINNER

For additional information
visit Workshop Page



Supports:



WOOD CONSTRUCTION

CHALLENGES AND OPPORTUNITIES

DEPARTMENT OF THE CIVIL ENGINEERING
UNIVERSITY OF COIMBRA

| 28 MARCH - 2023

08:30 - 09:00

Registration

09:00 - 10:30

S5 - TIMBER CONSTRUCTION: ARCHITECTURE LINKED WITH SUSTAINABILITY - PART 2

KEYNOTE

Design, Verification and Execution of Metropol Parasol in Seville - **MATTHIAS GEROLD (HARRER INGENIEURE)**

Vanguard Properties / Kozowood project and the construction with timber - **M. COLLARES PEREIRA (VANGUARD PROPERTIES), ARQ. NUNO VALE (KOZOWOOD INDUSTRIES)**

10:30 - 11:00

COFFEE - BREAK



11:00 - 13:00

S6 - MID-RISE TIMBER BUILDINGS - EGURALT PROJECT

- Project Presentation - **O. AZKARATE (BASKEGUR)**
- Promotion of social housing- NAVARRA as a case study - **A. ARIZ (NASUVINSA)**
- Perception of timber construction in the SUDOE AREA - **A. BARLET (ENSAPBx)**
- Presentation of the guide for mid-rise timber construction in the SUDOE AREA - **G. CABRERA (CESEFOR)**
- Potential of local species and other local resources for construction - **C. MARTINS (SERQ), O. ESPARZA (ADEMAN), D. BRUNEAU (ENSAPBx)**
- Good practices for the durability of timber structures made by CLT - **M. TOUZA (XERA)**
- Eguralt Network - **A. OSWALD (XYLOFUTUR)**

13:00 - 14:30

LUNCH

14:30 - 17:00

S7 - TIMBER STRUCTURES - CASE STUDIES 2

KEYNOTE

Casa no Castanheiro PNAM'21 - **JOÃO MENDES RIBEIRO (UC)**

1º Edifício Híbrido da Península Ibérica - **PEDRO LOPES, LUIS LARANJEIRA (CASAI)**

Vestiários Finsa Santiago - **OSVALDO FERREIRA (LUSO FINSA)**

MG Coudelaria - Integração e Sustentabilidade - **VICENTE GOUVEIA (VISIOARQ)**

Pavilhão Municipal Cidade de Amora - **TIAGO ANTUNES (COLICAPELA)**

Reabilitação de edifício na Rua Entreparedes - um caso de sucesso - **ARTUR FEIO (TMAD)**

17:00 - 17:30

COFFEE - BREAK



17:30 - 18:00

ROUNDTABLE: Challenges and opportunities for the future of timber construction

CLOSING SESSION



Supports:



For additional information
visit Workshop Page

