

# 26th SEPTEMBER

# 27th SEPTEMBER

# 28th SEPTEMBER

08:30 - 09:00

WELCOME OPENING SESSION

09:00 - 09:45

KEYNOTE: **MIKE SCHLAICH** TU BERLIN - SBP

09:45 - 10:30

TECHNICAL SESSIONS

10:30 - 11:00

COLLOQUIM

11:00 - 11:30

COFFE BREAK

11:30 - 13:30

WORKSHOPS

- 1-A The language of structures. The two 'souls' of the italian school of engineering. **TULLIA IORI** UNIROMA2
- 1-B Some smart and innovative constructability solutions for the civil market. **JAVIER MARTÍNEZ ALE**
- 1-C Conceptual design for butterfly web bridge. from r&d to construction. **AKIO KASUGA** SUMITOMO MITSUI CONSTR.

INSPIRATIONS

KEYNOTE: **HERNAN KRAVIEZ** NORMAN FOSTER FOUNDATION

TECHNICAL SESSIONS

COLLOQUIM

COFFE BREAK

WORKSHOPS

- 3-A Parametric structural analysis with Grasshoper tool Karamba. **CLEMENS PREISINGER** KARAMBA 3D
- 3-B Equilibrium-based design using 3-D graphic statics. **PIERLUIGI D'ACUNTO** - **PATRICK OLE OHLBROCK** ETHZ
- 3-C The process for the conceptual design of structures. **AURELIO MUTTONI** - **MIGUEL FERNÁNDEZ** EPFL.

CREATIVITY

ENJOYING MADRID

TECHNICAL VISIT

MADRID RÍO

HIPÓDROMO DE LA ZARZUELA

IGLESIA DE NUESTRA SEÑORA DE GUADALUPE

NORMAN FOSTER FOUNDATION

(MORE PLACES TO BE ADDED)

13:30 - 14:30

LUNCH

LUNCH

14:30 - 15:15

KEYNOTE: **CARLO RATTI** MIT

KEYNOTE: **ACHIM MENGES** STUTTGART UNIVERSITY

15:15 - 16:00

TECHNICAL SESSIONS

TECHNICAL SESSIONS

16:00 - 16:30

COLLOQUIM

COLLOQUIM

16:30 - 18:30

WORKSHOPS

- 2-A Structural survey through the drone technology. Example and applications. **JULIÁN MORENO** HEMAV
- 2-B Monitoring, big data, artificial intelligence and diagnostic. **GIUSEPPE MANCINI** SACERTIS
- 2-C As-built Modelling using Rationalised 3D Scan PointClouds. **S. ZABALLA F.** **TABANERA** MODELICAL

WORKSHOPS

- 4-A Application of 3d-printing to the construction. **ALEXAN DRE DUBOR** IAAC
- 4-B Render showcooking. **IGNACIO MONTESERIN** - **JUANITO JONES** SHOW ME THE PROJECT
- 4-C Virtual reality. **TO BE DEFINED** ACCIONA

DATA COLLECTION

MATERIALIZATION

21:00 - 23:00

WELCOME COCKTAIL AT GALERÍA DE CRISTAL  
PALACIO DE CIBELES - SPONSORED BY MADRID CITY COUNCIL

DINNER AT RESIDENCIA DE ESTUDIANTES