2nd *fib* Italy YMG
Symposium on Concrete and Concrete Structures
"The future of concrete structures: towards resilience and technical innovation"
Rome – 18-19 November 2021

Program

18 November 2021 (Aula del Chiostro, Sapienza University of Rome)

08:00 – 09:00   Registration

09:00 – 09:30   Opening cerimony

> *Marta Del Zoppo – President fib Italy YMG*
> *Marco di Prisco –   Presidium fib*
> *Claudio Failla –   President CTE*
> *Marco Menegotto – President aicap*
> *Stefano Zampino – President AIIT*

09:30 – 10:15   Key-note lecture: "**Adaptive structural life-cycle planning through deep reinforcement learning**" Dr. Charalampos P. Andriotis, Delft University of Technology

10:15 – 11:00   Key-note lecture: "**Seismic Safety and Energy Efficiency: Raising the International Bar to Enhance Community Resilience and Sustainability**" Prof. Stefano Pampanin, Sapienza University of Rome

11:00 – 11:30   Coffee break

11:30 – 13:30   Session: **Numerical modelling of RC structures – part 1**

13:30 – 14:30   Lunch

14:30 – 16:30   Session: **Seismic design & assessment of RC structures**

16:30 – 17:00   Coffee break

17:00 – 19:00   Session: **Digital fabrication & Sustainability**

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08:30 – 10:30   Session: **Innovative strengthening systems**

10:30 – 11:00   Coffee break

11:00 – 13:00   Session: **Properties and applications of cementitious materials**

13:00 – 14:00   Lunch

14:00 – 16:00   Session: **Numerical modelling of RC structures – part 2**

16:00 – 16:30   Coffee break

16:30 – 18:30   Session: **Durability & Corrosion**

18:30 – 19:00   Closing cerimony and awards *"fib Italy YMG Award for best advances in concrete and concrete structures"*

Registration fee:

➢ **free for authors and co-authors members of the *fib* YMG**

➢ **60€ for non-authors (limited places – please register on the event website** https://www.cte-eventi.com/fibyoungsymposium-info/**)**

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