ICCM2018
MS-062

Submission of abstracts through the Conference website:

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ICCM2018
5th International Conference on Computational Methods
Rome, Italy
August 6th-10th, 2018

Impact of Computational Methods on Architectural Design and Theories
CMADT (MS-062)
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Extended deadline for abstracts
April 30th, 2018

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Since the late 1980s, the use of computer technology in the design and in the building process of architecture has considerably grown. From initial experiments and theoretical enthusiasm, practiced mainly in universities and industries where traditionally there was already a strong relationship between design and technology, after about thirty years we have achieved some widespread and standardized results in industry, software and in the profession, spanning from BIM to parametricism applications. What will be the next conceptual steps and tools and in which sectors it seems that the use of Computational Modeling in architecture will be strengthened?

**MMCM11 Topics**

Topics (not limited to) are:
- Computation and new geometrical patterns
- Computation and fabrication techniques
- 3D modeling software and BIM computational design
- Computation using surface curvature
- Computational metaphors to explain the complexity of reality and nature
- Computation for structural efficiency and aesthetics

**Deadlines**

April 30, 2018: abstract submission (extended deadline)
April 30, 2018: notification of acceptance of the contributions
April 30, 2018: early registration
June 30, 2018: regular payment
August 6-10, 2018: conference dates

The ICCM is an international conference providing an international forum for exchanging ideas on recent advances in areas related to computational methods, numerical modelling & simulation, as well as their applications in engineering and science. It will accommodate presentations on a wide range of topics to facilitate interdisciplinary exchange of ideas in science, engineering and related disciplines, and foster various types of academic collaborations.