eCAADe

eCAADe Educational and research in Computer Aided Architectural Design in Europe is a non-profit making association of institutions and individuals with a common interest in promoting good practice and sharing information in relation to the use of computers in education and research in architecture and related professions. eCAADe was founded in 1983.

www.ecaade.org

The eCAADe annual international conference is hosted by a different member university each year.

eCAADe initiated and manages the very successful **CUMINCAD** archive of research publications in the field of CAAD. This is a valuable resource for researchers, educators and others in the field.

http://papers.cumincad.org/

eCAADe works in collaboration with sibling international associations in the field:

www.acadia.org
www.ascaad.org
www.caadfutures.org
www.caadria.org
www.sigradi.org

eCAADe has also collaborated with these associations to create an exciting international journal called International Journal of Architectural Computing.

www.architecturalcomputing.org

Important dates

1st February 2017	Deadline for extended abstracts
1st April 2017	Acceptance of extended abstracts
1st June 2017	Submission of full papers
18th - 19th September 2017	eCAADe Workshops
20th - 22th September 2017	eCAADe Conference

Contact Information

Conference chair
Antonio Fioravanti

Vice Conference chairs
Angelo L.C. Ciribini
Gabriele Novembri
Armando Trento

Contact
http://2017.ecaade.org/
staff-ecaade2017@uniroma1.it

Venue
Facoltà di Ingegneria Civile e Industriale
Via Eudossiana, 18
00184 Rome - Italy

International Conference
35th eCAADe Rome
20th - 22nd September 2017

logo ongoing student competition

Logo Deadline
1st May 2017
1st prize € 1000

ShOCK!
Sharing of
Computable
Knowledge

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UNIVERSITÀ DI ROMA

Rome

"It is a platitude that the presence of history in Rome is detrimental to the development and display of modern art. But if that were true, Rome – a city of successive modernities – would never happened."

Rem Koolhaas – 1998

Sapienza

Sapienza University of Rome was founded in 1303 and the Faculty of Civil and Industrial Engineering was established in 1817. In 2017 we will celebrate the Bicentennial and are honoured and proud to host the 35th Annual International Conference of eCAADe.

Conference Theme

Internet of Things, pervasive nets, Knowledge 'on tap', Big Data, Wearable devices and the 'Third wave' of AI are disruptive technologies that are upsetting our globalised world as far as it can be foreseen from now on.

So academicians, professionals, researchers, students, innovation factories… are warmly invited to further shake up and boost our innovative and beloved CAAD world with new ideas, paradigms and points of view. Will our fine buildings and design traditions survive? Or, will they 'simply' be hybridized and enhanced by methods, techniques and CAAD tools? Obviously computation is needed to match the ever-growing performance requirements, but this is not enough to answer all these questions; we have to deal with the essence of problems: improve design solutions for a better life!

As life is not a matter of single individuals, we need to increase collaboration and to improve knowledge sharing. This means going back to focus on human beings, and involves the humanistic approach, and the long history of design…from handicrafts to thinking to technology…and vice versa.

A large spiral of the *architectura* as eternal as our city.

We look forward to welcoming you!

Conference Topics

They may include, but are not limited to:

AI for design and built environment
Building Information Modeling
CAAD and creativity
CAAD curriculum
City modelling and GIS
Collaborative and participative design
Design strategies and biomimicry
Design tools and agent-based systems
Digital application in construction
Digital representation and visualisation
Digital design for sustainable buildings
Digital fabrication and robotics
Digital heritage
HCI in design
IoT for built environments
Material studies
Parametric and generative design
Responsive environments and smart spaces
Shape and form studies
Simulation, prediction and evaluation
Smart cities
Space syntax and ontologies
Virtual and augmented reality
Virtual and physical prototyping
Web based design

Il Futuro è passato qui

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