

## TECHNE

Journal of Technology for Architecture and Environment

ISSN online: 2239-0243

ANMUR - GEV 08 - Scientific Journal, Class A VQR

TECHNE, the scientific journal of SITdA works, at national and international level, to promote knowledge, methods and techniques of Architectural Technology, to protect and enhance the man-made environment and to promote innovative applications and interdisciplinary comparison. Since 2011 the journal has published articles, as well as essays and reports, on research results and innovative applications.

Biannual frequency

Submissions sent to TECHNE are subject to international blind peer review.

**Director** Maria Teresa Lucarelli

**Scientific Committee** Ezio Andreta, Gabriella Caterina, Pier Angiolo Cetica, Romano Del Nord, Gianfranco Dioguardi, Stephen Emmitt, Paolo Felli, Rosario Giuffrè, Lorenzo Matteoli, Achim Menges, Jovanovic Popovic Milica, Roberto Palumbo

**Editor in Chief** Emilio Faroldi

**Editorial Board** Ernesto Antonini, Eliana Cangelli, Tiziana Ferrante, Massimo Lauria, Elena Mussinelli, Riccardo Pollo, Marina Rigillo

2014

2015

2016

2017



n.7

n.9

n.11

n.13



n.8

n.10

n.12

n.14

Editor

FUP (Firenze University Press)

<http://www.fupress.com>

[journals@fupress.com](mailto:journals@fupress.com)



Graphic design Enza Tersigni

[www.sitda.net](http://www.sitda.net)

**SIT<sub>d</sub>A**  
The Italian Society of Architectural Technology

# SITdA

## The Italian Society of Architectural Technology

SITdA was founded in 2007 to make a broad and inclusive network of university professors and experts in the field of Architectural Technology with the aim of linking universities, professions and institutions; implementing high profile research policies; settling a culture of internationalization in the disciplinary sector; spreading the research; promoting a multidisciplinary and a trans-disciplinary approach of Architectural Technology; contributing to regulatory processes; assisting institutions in the control and assessment of building quality; cooperating with the national education system in training; acting as a cultural reference; enhancing excellence.

### Board of Directors (2017-2020)

prof. MARIA TERESA LUCARELLI **President** Università Mediterranea di Reggio Calabria

prof. ERNESTO ANTONINI Università di Bologna

prof. ELIANA CANGELLI Università di Roma La Sapienza

prof. VALERIA D'AMBROSIO **Secretary** Università di Napoli Federico II

prof. LAURA DAGLIO Politecnico di Milano

prof. PIETROMARIA DAVOLI Università di Ferrara

prof. MASSIMO LAURIA **Treasury** Università Mediterranea di Reggio Calabria

prof. ELENA MUSSINELLI **Vice President** Politecnico di Milano

prof. MASSIMO PERRICCIOLI Università di Napoli Federico II

prof. SERGIO RUSSO ERMOLLI Università di Napoli Federico II

prof. FABRIZIO TUCCI Università di Roma La Sapienza

### SITdA offices (2017-2020)

Dipartimento di Architettura e Territorio

Università degli Studi Mediterranea di Reggio Calabria

Salita Melissari, 89124 Reggio Calabria

Maria Teresa Lucarelli **President**

presidenza@sitda.net | mtlucarelli@unicr.it

Elena Mussinelli **Vice President**

elena.mussinelli@polimi.it

Massimo Lauria **Treasury**

tesoreria@sitda.net | mlauria@unicr.it

Info and contact: segreteria@sitda.net

## MISSION

1. **Linking universities, professions, institutions** - Promoting Architectural Technology, its guideline concepts, innovations and challenges, towards institutional subjects, as well as in relation to institutions, companies and private associations.

2. **Implementing research policies** - Supporting the research culture in Architectural Technology, through the creation of a broad and inclusive network of Members, offering information resources for the training and qualification of young people.

3. **Settling an internationalization culture** - Cooperating to the international research through meetings for the exchange of ideas, cultivating links with international organizations and institutions.

4. **Spreading research as a strategic option** - Spreading research in its various ways and manifestations, through conferences, seminars, meetings, discussion forums and publications of high scientific level, linking and integrating with complementary and similar disciplines.

5. **Promoting a multidisciplinary and a trans-disciplinary approach of Architectural Technology** - Promoting its members' skills within research, initiatives and public and private activities areas, favouring the convergence of multidisciplinary and trans-disciplinary contributions.

6. **Contributing to regulatory processes** - Promoting and contributing to the identification, development, strengthening and implementation of international and national, regional and local technical standards and regulations for the benefit of the institutions governing them.

7. **Assisting institutions in monitoring and evaluation** - Encouraging the development and adoption of methods of analysis, control and evaluation, to facilitate the implementation of technological innovation processes in construction, within public and private initiatives.

8. **Cooperating in training** - Collaborating with the national education system in order to enhance training in the areas of Architectural Technology and Innovation, investigating the interdisciplinary components and methodologies.

9. **Acting as a cultural reference** - Collecting and filing scientific knowledge and technical information; acting as a national reference and an area of collection, exchange, spread of information, concepts, ideas and services of all kinds, which can be considered useful for the scientific community that is recognized in the area of Architectural Technology.

10. **Enhancing excellence** - Improving scientific development, professional quality, publicity through communication tools to achieve the aims of the Association for the enhancement of excellence in Architectural Technology.

## UNIVERSITIES NETWORK

The following Universities belong to the SITdA:

Politecnico di Bari Dipartimento di Scienze dell'Ingegneria Civile e dell'Architettura

Politecnico di Milano Dipartimento di Architettura, Ingegneria delle Costruzioni e Ambiente Costruito, Dipartimento di Architettura e Studi Urbani

Politecnico di Torino Dipartimento di Architettura e Design

Università della Campania Luigi Vanvitelli Dipartimento di Ingegneria Civile, Design, Edilizia e Ambiente

Università di Bologna Dipartimento di Architettura

Università di Brescia Dipartimento di Ingegneria Civile, Architettura, Ambiente, Territorio, Matematica

Università di Camerino Scuola di Architettura e Design

Università di Catania Dipartimento di Ingegneria Civile e Architettura

Università di Ferrara Dipartimento di Architettura

Università di Firenze Dipartimento di Architettura

Università Gabriele D'Annunzio di Chieti-Pescara Dipartimento di Architettura

Università di Genova Dipartimento di Scienze per l'Architettura

Università IUAV di Venezia Dipartimento di Architettura Costruzione Conservazione

Università Mediterranea di Reggio Calabria Dipartimento di Architettura e Territorio

Università di Napoli Federico II Dipartimento di Architettura

Università di Palermo Dipartimento di Architettura

Università di Roma La Sapienza Dipartimento di Pianificazione, Design, Tecnologia dell'Architettura

Università di Roma Tre Dipartimento di Architettura

Università di Trieste Dipartimento Ingegneria e Architettura

Università di Udine Dipartimento di Ingegneria Civile e Architettura

