Call for papers

XIX CONVEGNO **ANIDIS**
Seismic Engineering in Italy
https://www.anidis.it

&

XVII CONVEGNO **ASSISi**
Anti-Seismic Systems International Society
http://assisisociety.com

A N I D I S XIX
A S S I S i XVII

Torino 11-15 settembre 2022

ASSOCIAZIONE NAZIONALE ITALIANA DI
INGEGNERIA SISMICA **ANIDIS**
Italian National Association of Earthquake Engineering

CONFERENCE PRESENTATION

Italian real estate, in particular the historic buildings and infrastructures, continues to show its fragility in relation to seismic events, as dramatically highlighted by recent earthquakes in Emilia-Romagna (2012) and Central Italy (2016). For this reason, in recent years, scholars have promoted several initiatives at the scientific level, technical and regulatory to improve the seismic performance of new buildings and to mitigate the seismic risk of existing buildings and infrastructures In particular, the new Technical Standards for Construction (2018), the Explanatory Regulations (2019) and the Guidelines for the Classification of the Seismic Risk of Construction (2017) have been published, focusing more and more on the theme of seismic risk.

In Turin, on September 11-15, 2022, *ANIDIS* - Associazione Nazionale Italiana di Ingegneria Sismica and *ASSISi* Association- *Anti-Seismic Systems International Society* will promote the usual moments of critical discussion between researchers, technicians, and operators in the construction sector through their respective Conferences (XIX Conference ANIDIS and XVII Conference Assisi) which for the first time will take place in a combined and coordinated form.

Professional refresher courses will also be organized to promote a synergy between the academic world and the professional world.

CONFERENCE TOPICS

Topics covered by ANIDIS

Seismic hazard; **S**oil dynamics and seismic geotechnics; **D**ynamic interaction between soil and structure; **V**ulnerability and seismic risk; **S**ecurity and seismic risk; **T**echnical regulations and design/verification methods; **M**ethods of analysis, modelling and capacity models (Reinforced concrete constructions, Masonry and reinforced masonry constructions, Steel and mixed concrete steel constructions, Wooden constructions, Prefabricated constructions); **T**raditional and innovative materials; **B**ridges, tunnels and strategic and special structures; **N**on-structural elements (technical networks) and plants; **E**xperimentation, diagnostics and monitoring of structures and infrastructures; **A**nalysis and reduction of the seismic risk of buildings: strategies, methods and techniques of intervention (Reinforced concrete constructions, Masonry and reinforced masonry constructions, Steel construction and mixed concrete steel constructions, Wood construction, Prefabricated construction); **E**valuation and improvement of the cultural heritage; **E**xamples of achievements: architecture and structures, recent projects and constructions; **P**assive, semi-active and active protection of structures and plants; **B**ig Data and Iot for existing structures and infrastructures.

Topics covered by ASSISi

New isolation and energy dissipation devices; **B**ase isolation and seismic input; **I**nternational regulations on structures with seismic isolation; **S**eismic insulation and energy dissipation in bridges and viaducts; **S**eismic Isolation and Energy Dissipation in high-risk plants; **S**eismic isolation and energy dissipation in existing structures and cultural heritage; **R**esilience and sustainability: new challenges for the protection of structures and infrastructures through new seismic technologies; **T**he protection systems of the future: which technologies will we use in 2050?; **S**eismic isolation and energy dissipation in high-rise buildings and wind-resistant design of isolated buildings at the base; **S**eismic protection of non-structural elements and equipment, statues and artifacts.

CONFERENCE SECRETARIAT AND CONTACTS

ORGANIZATIONAL SECRETARIAT
Sara Del Genovese, Francesca Mattei - ANIDIS
Email: info@anidis.it   Tel. +39-334-6690392

SCIENTIFIC SECRETARIAT
Luciana Restuccia - Politecnico di Torino
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PRELIMINARY PROGRAM

Sunday 11th September
Conference opening and inaugural cocktail

Monday 12th September
Registration of participants
Invitation reports and parallel sessions. Evening concert

Tuesday 13th September
Invitation reports and parallel sessions. Gala dinner

Wednesday 14th September
Invitation reports and parallel sessions. ANIDIS Shareholders' Meeting

Thursday 15th September
Invitation reports and parallel sessions
Guided tour in Emilia Romagna

DEADLINES – INFORMATION

DEADLINE FOR SPECIAL SESSIONS (15/02/2022)
Special sessions include the proposal of a specific topic with contents that are also transversal to the general sessions of the Conference (Research Projects, Regulations, Guidelines, etc.). Those interested in the proposal for a specific session and its coordination can send an email to anidis.assisi_2022@polito.it with the title and an abstract description of the theme.

ABSTRACT SUBMISSION DEADLINE (15/04/2022)
Authors who wish to present a paper are invited to submit a one-page abstract, indicating the session in which they wish it to be inserted (see topics of the Conference) and the name of the reference authors. The abstracts should be sent in word and pdf format, through the conference website convegno.anidis.it. The abstracts acceptance will be communicated to the Authors by the Scientific Committee by May 31st, 2022.

PAPER SUBMISSION DEADLINE (30/06/2022)
The final text of the paper must be prepared following the world template, which will be send to the Authors together with the communication of acceptance by email. For papers in ANIDIS conference topics, an extended abstract in English will be also required.

The abstracts and papers of ASSISi conference topics should be prepared only in English.

PARTICIPATION FEES

Deadlines	Full (*)	Reduced (**)	Daily
Before 10/06/2022	€ 600	€ 350	€ 200
After 10/06/2022	€ 650	€ 400	€ 250

(*) for Italian Residents, the full fee includes both Conference registration fee and the ANIDIS membership fee from September 2022 to December 2023. For Italian residents who want also to be enrolled in ASSISI association, a special membership fee promotion of 35 € for year 2023 is needed.

For non-residents in Italy the full fee includes both the Conference registration fee and the ASSISI membership registration fee for two years.

(**) post-docs, research fellows, PhD students, and undergraduates.