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#### **ABSTRACTS**

PROSPECTIVE AUTHORS ARE INVITED TO SUBMIT ABSTRACTS IN ENGLISH, 200-300 WORDS LONG, WITH THE TITLE OF THE PAPER, THE AUTHOR(S) - INCLUDING AFFILIATION(S) AND E-MAIL ADDRESS(ES) - AND THE TOPIC(S), TO BE CHOSEN AMONG THE MAIN TOPICS OF THE WORKSHOP.

ALL THE PAPERS WILL BE COLLECTED AND PUBLISHED IN A PROCEEDINGS VOLUME AVAILABLE AT THE WORKSHOP.

#### **REGISTRATION FEES**

<u>FEE TYPE</u>	<u>REGISTRATION</u>
REGULAR	450*/500* EURO
ACI ITALY CHAPTER MEMBER	400 EURO
STUDENT (BS, MS, PHD)	250*/300** EURO
ACCOMPANYING PERSONS	150 EURO

(\*) BEFORE MAY 31, 2019

(\*\*) AFTER MAY 31, 2019

NOTE THAT AT LEAST ONE AUTHOR PER PAPER MUST BE REGISTERED.

MEMBERS OF ACI ITALY CHAPTER IN COMPLIANCE WITH THE MEMBERSHIP FEE FOR 2019 (ENROLLMENT BY 28 FEBRUARY 2019) WILL HAVE A REDUCED FEE FOR REGISTRATION AT THE CONFERENCE. THE REGULAR REGISTRATION FEE FOR THE CONFERENCE INCLUDES THE ASSOCIATION TO ACI ITALY CHAPTER FOR THE YEARS 2019 AND 2020.

#### **CONTACTS**

VISIT THE OFFICIAL WORKSHOP WEBSITE FOR MORE INFORMATION

[HTTP://WWW.ACIIITALY.COM/EVENTS/NBSC2019/INDEX.PHP](http://www.aciitaly.com/events/nbsc2019/index.php)

OR CONTACT NBSC SECRETARIAT

[ACIIITALYCHAPTER@GMAIL.COM](mailto:ACIIITALYCHAPTER@GMAIL.COM)

## **FIFTH WORKSHOP NEW BOUNDARIES OF STRUCTURAL CONCRETE 2019 NBSC 2019**

### **CALL FOR PAPERS**



**19, 20 SEPTEMBER 2019, MILAN, ITALY**

**ORGANIZED BY:**

**ACI – ITALY CHAPTER**

**DEPARTMENT OF CIVIL AND ENVIRONMENTAL  
ENGINEERING OF POLITECNICO DI MILANO**



**POLITECNICO  
MILANO 1863**  
DIPARTIMENTO DI  
INGEGNERIA CIVILE E AMBIENTALE





### IMPORTANT DATES IN 2019

SUBMISSION OF ABSTRACTS	JANUARY 31
ACCEPTANCE OF ABSTRACTS	FEBRUARY 28
SUBMISSION OF FULL PAPERS	APRIL 30
NOTIFICATION OF ACCEPTANCE	MAY 30
SUBMISSION OF FINAL PAPERS	JUNE 30
WORKSHOP	SEPTEMBER 19-20
SOCIAL DINNER	SEPTEMBER 19

### WORKSHOP TOPICS

THE WORKSHOP AIMS TO COLLECT AND TO DISSEMINATE THE LATEST RESULTS OF THE RESEARCH PROJECTS IN PROGRESS IN ITALY AND ABROAD, CONCERNING THE PRODUCTION, APPLICATION, DURABILITY AND SUSTAINABILITY OF CONCRETE AND CEMENTITIOUS MATERIALS, AS WELL AS THE DESIGN, BUILDING TECHNIQUES AND REPAIR OF CONCRETE STRUCTURES.

THE FOLLOWING TOPICS WILL BE ADDRESSED:

- INNOVATIVE CEMENTITIOUS MATERIALS
- CORROSION AND SELF-HEALING IN RC STRUCTURES
- CONCRETE AND REINFORCED-CONCRETE UNDER EXTREME ENVIRONMENTAL CONDITIONS (EARTHQUAKE, WIND, TEMPERATURE)
- CONCRETE AND REINFORCED CONCRETE IN ACCIDENTAL CONDITIONS (FIRE, IMPACT, BLAST)
- RECYCLING OF CONCRETE AND REINFORCED CONCRETE
- SHORT- AND LONG-TERM BEHAVIOR OF RC STRUCTURES
- BOND AND CONNECTIONS IN RC, PC AND MIXED STRUCTURES
- STRENGTHENING AND REPAIR OF CONCRETE STRUCTURES
- PERFORMANCE AND LIFE-CYCLE OF NEW CONCRETE STRUCTURES
- ASSESSMENT AND MONITORING OF AGEING CONCRETE STRUCTURES

### WORKSHOP LANGUAGE

THE WORKING LANGUAGE OF THE WORKSHOP WILL BE ENGLISH, WHICH WILL BE USED FOR ALL PRESENTATION AND PRINTED MATERIALS.

### VENUE

THE EVENT IS JOINTLY ORGANIZED BY ACI – ITALY CHAPTER AND BY THE DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING IN THE CAMPUS “LEONARDO DA VINCI” OF THE POLITECNICO DI MILANO CLOSE TO DOWNTOWN.

MILAN IS THE SECOND LARGEST CITY IN ITALY WITH ONE AND A HALF MILLION PEOPLE. ONCE THE CAPITAL OF ITALIAN HEAVY INDUSTRY, MILAN HAS NOW A VERY DIVERSIFIED ECONOMY BASED ON HIGH-TECH, FASHION, INFORMATICS, BIO-SCIENCES, HIGH EDUCATION, LOGISTICS AND FINANCE.

MILAN IS A PLACE WHERE RESIDENTS AND VISITORS ARE COMING FROM ALL THE CORNERS OF EUROPE AND FROM EVERY CONTINENT, FOR BUSINESS, CULTURE AND TRADE.

THE SKYLINE OF THE CITY HAS CHANGED TREMENDOUSLY IN THE LAST TWENTY YEARS, WITH THE CONSTRUCTION OF TWO ARCHITECTURALLY OUTSTANDING DISTRICTS (CITY LIFE AND PORTA NUOVA) FULL OF TALL BUILDINGS, THEATERS, EXCLUSIVE SHOPS AND SPACE TO WALK AND RELAX. THESE NOVELTIES INTEGRATE VERY WELL WITH SUCH RENOWNED PLACES AS THE GOTHIC CATHEDRAL (DUOMO), THE TEATRO ALLA SCALA AND THE GALLERIA VITTORIO EMANUELE, THE FIRST COVERED MALL IN THE WORLD BUILT AT THE END OF THE 19TH CENTURY!

### SCIENTIFIC COMMITTEE

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