October 2003: foundation of ACI Italy Chapter

- Organizing Committee chaired by Antonio Nanni
- First President Mario Alberto Chiorino
- Headquarter at the University of Naples Federico II
- The first “Charter” approved in December

First Board of ACI Italy Chapter (2004-08)

President: Mario Alberto Chiorino (Politecnico di Torino)
Vice President: Maria Rosaria Pecce (University of Sannio)

Other Members of the Board:
- Raffaele Cioffi (University of Basilicata)
- Mario De Stefano (University of Florence)
- Antonio Grimaldi (University of Roma “Tor Vergata”)
- Giuseppe Marchese (Italcemienti Group)
- Giacomo Moriconi (University of Marche)
- Alberto Pavese (University of Pavia)
- Michele Valente (General Admixtures SpA)

Secretary: Gennaro Magliulo (University of Naples Federico II)

Chapter Officers 2009-12

President: Michele Valente (General Admixtures SpA)
Vice President: Roberto Realfonzo (University of Salerno)
Honorary President: Mario Alberto Chiorino (Politecnico di Torino)

Chapter Board of Directors:
- Raffaele Cioffi (University of Naples “Parthenope”)
- Bruno Delia Bella (GRC - Gruppo Centro Nord)
- Mario De Stefano (University of Florence)
- Ciro Faella (University of Salerno)
- Antonio Grimaldi (University of Roma “Tor Vergata”)
- Michele Matarrese (Salvatore Matarrese SpA)
- Giacomo Moriconi (University of Marche)
- Emidio Ngro (University of Naples Federico II)
- Marisa Pecce (University of Sannio)
- Giovanni Plizzari (University of Brescia)
- Paolo Riva (University of Bergamo)

Secretary: Marianna Ercolino (University of Naples Federico II)

The Board today (2013-16)

President: Roberto Realfonzo (University of Salerno)
Vice President: Paolo Riva (University of Bergamo)
Honorary President: Mario Alberto Chiorino (Politecnico di Torino)

Chapter Board of Directors:
- Casadei Paolo: Kerakoll SpA
- Coppola Luigi: University of Bergamo
- Faella Ciro: University of Salerno
- Gambonara Pietro: Politecnico di Milano
- Grimaldi Antonio: PROGIN SpA
- Luciano Donato: BASF Italia SpA
- Magliulo Gennaro: University of Naples Federico II
- Marchese Giuseppe: Italcemienti Group
- Moriconi Giacomo: University of Marche
- Ngro Emidio: University of Naples Federico II
- Pizzari Giovanni: University of Brescia
- Valente Michele: General Admixtures SpA

Secretary: Marianna Ercolino (University of Naples Federico II)

2003

- October: SAIE 2003 – Bologna
  Seminar on: “Strengthening RC structures with composite materials”
  Speakers: Tony Nanni, Andrea Prota & Renato Parretti

- December: University of Salerno
  One day workshop on: “Using new technologies in structural engineering”
  Speakers: Ciro Faella, Tony Nanni, Emidio Ngro & Roberto Realfonzo
October 2003

SAIE 2003 – Bologna Seminar on “Strengthening RC structures with composite materials (FRP)”
Tony Nanni, Andrea Prota & Renato Parretti

December 2003

University of Salerno Workshop on “Using new technologies in structural engineering”
Ciro Faella, Tony Nanni, Emidio Nigro & Roberto Realfonzo

2004


• September Publication of 2 papers “Concrete in Italy” on Concrete International celebrating the foundation of the Chapter and ACI Centennial

• October University of Salerno Seminar: “Research Projects and New Guidelines for External Reinforcement of R.C. and Masonry Structures with FRP”
  - Research Projects
  - Industrial Perspectives
  - Public Agencies
  - Guidelines

2004

• December Visit to the Chapter in Torino by ACI President Anthony E. Fiorato and Executive Vice President William R. Tolley on the occasion of ACI Centenary:
  Meeting:
  ✓ ACI mission and objectives: a century of innovation
  ✓ Scopes and objectives of local chapters
  ✓ Annual meeting of the Chapter

  Seminar:
  “International associations and harmonization of standards for structural concrete in the global economy: the role of an international ACI Chapter”
  Chair: Mario A. Chiorino, President ACI Italy Chapter
  Panel: Franco Landi, Honorary President of EFNARC and FRP; Honorary Member of ACI
  Giuseppe Mancini, Honorary President of CEB and FIP, Honorary Member of ACI
  Giorgio Macchi, Honorary Member of EFNARC and FRP; Chair of the CEN TC250
  Edoardo Cosenza, Chairman of the Organization Committee of the 2006 Congress


Concrete in Italy
Part I: Technique and Architecture

An outline of a century of history and heritage of concrete in Italy

SEPTEMBER 2004
Outlines the role played by Italian specialists:
- in developing theories,
- in promoting the activity of international associations,
- in the establishment of international model codes for concrete structures.

Visit in Torino of ACI President Anthony E. Fiorato and Vice President William R. Tolley

International Seminar: “International associations and harmonization of standards for structural concrete in the global economy: the role of an international ACI Chapter”

University of Florence
Workshop: “Reinforcement of R.C. and Masonry Structures with FRP”
Chair: Mario Di Stefano
ACI Spring 2005 Convention New York City

International Luncheon - Keynote Lecture: "Worldwide Harmonization of Standards for Structural Concrete: Strategies in the Cooperation between fiB and ACI"

- Mancini, President of fiB and Member of ACI Italy Chapter

• It is the feeling of ACI Italy Chapter that, in spite of widespread contacts and liaison efforts among engineering associations around the world in the past decades, there is still a need for a more intense harmonization of principles and guidelines for codes and standards in the field of structural concrete.

• Mancini’s lecture, promoted by ACI Chapter, sets the tone for this auspicious future of tighter conceptual integration between the nodes of an international network gathering professional, research and academic institutions.

• June

On the occasion of the Second Congress of fiB in Naples

- ACI Officials: Past President J. Cagley and Executive Vice President W. Tolley
- fiB President: G. Mancini
- the Chair of the Congress Organizing Committee: E. Cosenza

The meeting offered the chance for continuing the discussion on the themes of worldwide harmonization of standards for structural concrete and of the cooperation between fiB and ACI that formed the subject of the previous initiatives of ACI Italy Chapter.

A consensus was expressed on the need to extend this cooperation and to accelerate the harmonization process, as imposed by the increasingly global character of the market of the concrete construction industry, and an appreciation was expressed for the role that may be played by ISO in this context.

Following the reception, ACI Italy Chapter Officers presented to ACI Past President Cagley the volume of the proceedings of the New York Session on Seismic Engineering.
2007

• April  Mario Collepardi, Member of the Chapter, nominated Honorary member of ACI

• June  Politecnico di Torino, Turin
  Seminar: "Technical and Architectural Evolution of High Rise Construction in Brazil"
  Mario Franco, School of Architecture, University of Sao Paulo, JMKF Julio Kassoy & Mario Franco Associates

• July  University of Rome
  University of Florence
  Politecnico di Torino, Turin
  Seminars:
  • Prestressed Concrete Beams Retrofitted with FRP Reinforcement
  • Engineered Structures under Extreme Loading
  • Damage to Concrete Structures due to Storm Surge during Hurricane Katrina
  • Shrinkage and Creep Predictions Evaluated using 10-Year Monitoring of the North Halawa Valley Viaduct

Ian Robertson, University of Hawaii at Manoa, Honolulu
Member of ACI Committee 209, 252

2007

• October  ACI Fall 2007 Convention, Puerto Rico, October 14-18, 2007
  Mario A. Chiorino, President of the Chapter, co-chairs the three technical sessions Structural Implications of Shrinkage and Creep of Concrete, and is editor of the volume:

• October  ACI International Chapter Roundtable
  Athens, October 28-29, 2007
  Luigi Di Sarno attends the meeting, representing the President of the Chapter, and presents a Chapter Activity Report.

2008

March  Mario A. Chiorino, President of the Chapter, nominated Fellow of ACI

November  ACI Fall Convention, St. Louis, MO
  International Luncheon – Keynote Lecture:
  The repair and maintenance of aging R. C. bridges
  Konrad Bergmeister (Italy)
  Professor at the University of Vienna, Austria
  Chair F6 Task Group 5.1 “Monitoring and Safety Evaluation of Existing Structures”
  Hosted by the International Committee
  Sponsored by ACI Italy Chapter (lecture promoted by ACI Italy Chapter President Mario A. Chiorino)


Mario A. Chiorino, nominated Member of ACI International Committee
November 2008

International Luncheon – Keynote Lecture:
"The repair and maintenance of aging R. C. bridges"
Konrad Bergmeister (Italy), Professor at the University of Vienna, Austria
Chair of Task Group 5.1
Monitoring and safety Evaluation of Existing Structures

November 2008

ACI Co-sponsorship for P. L. Nervi International Exhibit
"PIER LUIGI NERVI: Architecture as Challenge"

2009

January

Election of the “Board of Directors”
Michele Valente is the new President
Maria Alberto Chiorino, nominated Honorary President
Vice President is Roberto Realfonzo

October

Dick Stehly, ACI Vice President, visits the Italy Chapter
Workshops:
1. Design of new Structures and Retrofitting of Existing ones: the Approach of the main European & North American codes
   “Sapienza” University of Roma
2. Innovations and American-Italian Experiences in the field of concrete and of materials for constructions
   SAIE Expo, Bologna

Workshop OICE - ACI ITALY CHAPTER, Rome, October 2009

Design of new Structures and Retrofitting of Existing ones: the Approach of the main European & North American codes

Workshop: "Innovations and American-Italian Experiences in the field of concrete and of materials for constructions"

SAIE 2009, BOLOGNA
2010

February
MADE Expo, Milan
Conference: “Durability and Life Cycle of Concrete Structures”

April
University of Salerno
1st International Workshop on “The new boundaries of structural concrete”
Chairs: Antonio Grimaldi, Giovanni Plizzari, Roberto Realfonzo

June
First venues of the P. L. Nervi International Exhibit
“PIER LUIGI NERVI: Architecture as Challenge”
ACI Co-Sponsorship

September
President Dick Stehly and Executive Vice President Ron Burg visit the Chapter
Workshop: “Concrete structures: what future?”
“Sapienza” University of Roma

From left: Giovanni Plizzari, Chair & Board Member; Michele Valente, AG Italy Chapter President; Matteo Copparo, AG Italy Honorary Member; Riccardo F. Wath, AG Italy Honorary Member; Leonardo P. Realfonzo, AG Italy Chapter Vice President; Antonio Grimaldi, Chair & Board Member

One of our friends sadly passed away
The last nice message from Dick

From: “Stehly.Richard”<rstehly@amengtest.com>
To: “Prof. Roberto Realfonzo”<rrealfonzo@unisa.it>
Date: Thu, 16 Sep 2010 13:15:010500
Subject: Chapter meeting

Hi Roberto,

Sorry we did not have much time to catch up. Next time we will allow more time to visit. Thanks for all your efforts in making the Italy Chapter great.

Dick Stehly
President ACI
2011

May
CISM, International Centre for Mechanical Sciences, Udine
International Advanced Course: “Analysis of Creep and Shrinkage Effects in Concrete Structures”
coordinated by Mario A. Chiorino and Domingo Carreira
ACI kindly conferred its patronage

September
University of Ancona
2nd International Workshop on “The new boundaries of structural concrete”
Chairs: Luigino Dezi, Giacomo Moriconi, Roberto Realfonzo

October
MADE Expo, Milan
1. Workshop: “Building concrete structures in a sustainable way”
2. Workshop: “Structural design of RC tall buildings”

2012

March
ACI Spring 2012 Convention Dallas
> International Luncheon – Keynote Lecture:
“Art and Science of Building in Concrete: the Work of PIER LUIGI NERVI”
M. A. Chiorino, Politecnico di Torino

> International Session:
“Structural Concrete: An Art Form”
M. A. Chiorino, Politecnico di Torino, Co-Moderator

October
ACI Fall 2012 Convention Toronto
> International Luncheon – Keynote Lecture:
“Foring our Future with Innovation and Design”
Michel Virlogeux (France), First President of fib International Federation for Structural Concrete
Lecture promoted by Mario A. Chiorino, member of ACI International Advisory Committee and Hon. President of ACI Italy Chapter
University of Bergamo, Chiossone di Sant’Agostino
> Workshop on “Connections in Precast Structures”
Chairs: Paolo Riva, Roberto Realfonzo
MADE Expo, Milan
> Workshop on “Safety, Sustainability & Durability: keywords in designing concrete”
Chair: Roberto Realfonzo
MADE Expo ‘12
“Safety, Sustainability & Durability: keywords in designing concrete”

October, 2012
ACI Italy Chapter, Bergamo, September 16, 2014

2013
January
Election of the new “Board of Directors”
Roberto Realfonzo is the President
Vice President is Paolo Riva

September
University of Bergamo
3rd International Workshop on “The new boundaries of structural concrete”
Chairs: Paolo Riva, Luigi Coppola, Roberto Realfonzo

October
MADE Expo, Milan
Workshop: “Repairing & Seismic Retrofitting RC Structures with FRC, FRP, FRCM”
Chairs: Roberto Realfonzo, Michele Valente

SAIE Expo, Bologna
“ACI Italy Chapter: Now & the Future”
Speaker: Roberto Realfonzo, ACI Italy Chapter President

3rd International Workshop
“The New Boundaries of the Structural Concrete”

September, 2013
ACI Italy Chapter, Bergamo, September 16, 2014

MADE Expo ‘13
“Repairing & Seismic Retrofitting RC Structures with FRC, FRP, FRCM”

October, 2013
ACI Italy Chapter, Bergamo, September 16, 2014

2014
March
ACI Spring 2014 Convention Reno
✓ International Luncheon – Keynote Lecture:
“Making Our Structures Last Longer”
Gordon Clark, President of IFB International Federation for Structural Concrete
Lecture promoted by Mario A. Chiorino, member of ACI International Advisory Committee and
Hon. President of ACI Italy Chapter
✓ Mario A. Chiorino, Honorary President of the Chapter, nominated ACI Honorary Member

May
Concrete 2014: Glance at Future
Moscow, Russian Academy of Sciences, with patronage of
RILEM and IFB
Mario A. Chiorino, Invited lecture:
“Analysis of structural effects of time-dependent behaviour of concrete: an internationally harmonized format”
presenting the harmonized documents edited by the author:
✓ ACI Guide 209.3R Analysis of Creep and Shrinkage Effects in Concrete Structures
✓ Section 7.2.4

SAIE Expo, BOLOGNA
October 17 - Piazza FEDERBETON
• Presentazione delle principali attività dell’ American Concrete Institute – Italy Chapter (ACI-IC) in tema di formazione scientifica e
divulgazione culturale.
  a) Iniziativa per la diffusione delle ricerche svolte dai giovani neo-
dottori di ricerca nel settore del calcestruzzo, intesa sia come
tematica dell’ “ingegneria dei materiali” che dell’ “ingegneria strutturale.
  Professore Pietro Gambuzza (Politecnico di Milano)
  b) Attività di formazione che ACI-IC intende organizzare nei prossimi
mesi in tema di tecnologia del calcestruzzo, sulla base dei corsi di
che da decenni vengono offerti dall’American Concrete Institute
nell’ ambito del Calcestruzzo (controllo delle opere, tecniche
operative di posa, controllo di accettazioni, etc.)
  Professore Giacomo Moriconi (Università Politecnica delle Marche)
2014

September - President Bill Rushing and Executive Vice President Ron Burg visit the Chapter

- SAE Expo, Bergamo Chair: Placido Fossa

October - Workshop: "New techniques for seismic retrofitting of precast buildings"

SAE Expo, Bergamo Chair: Placido Fossa

- ACI Italy Chapter-Federbeton PhD Thesis AWARD (1st Edition) to the best PhD Thesis in the field of concrete
  Chairman of the Award Committee: Pietro Gambarova

March 2014
ACI Spring 2014 Convention Reno

- International Luncheon – Keynote Lecture: “Making Our Structures Last Longer”
  Gordon Clark, President of fib International Federation for Structural Concrete
  Lecture promoted by Mario A. Chiorino, member of ACI International Advisory Committee and Hon. President of ACI Italy Chapter

June 2014
ACI Chapter approved as ACI Sponsoring Group

Supervisors of the SG: A. Grimaldi, G. Marchese, G. Moriconi

Dear John, K Conn [mailto:John.Conn@concrete.org]

Subject: Re: R: R: R: R: ACI Certification in Italy

I am pleased to announce that the Italy Chapter has met the requirements of our Sponsoring Group (SG) policy and is now approved to conduct the ACI Concrete Field Testing Technician - Grade I and ACI Concrete Construction Special Inspector certification programs.

Your SG Number is 01296707

Thank you for your efforts in helping ACI Certification meet the growing need for well trained and knowledgeable technicians and inspectors. If you have any questions or if there are any changes within your sponsoring group, please contact me at: john.conn@concrete.org

Regards,
John K. Conn
Manager, Certification Operations & Chapter Activities
p: +1-248-848-3718
ACTIVITIES of ITALIAN MEMBERS in ACI Committees

Members of the Italian technical and scientific community and of ACI Italy Chapter have served in the following ACI Technical Committees:

- Committee 209 - Creep and Shrinkage in Concrete
- Committee 236 - Material Science of Concrete
- Committee 237 - Self-Consolidating Concrete
- Committee 238 - Workability of Fresh Concrete
- Committee 342 - Evaluation of Concrete Bridges and Bridge Elements
- Committee 374 - Performance-Based Seismic Design of Concrete Buildings
- Committee 423 - Prestressed Concrete - Joint ACI-ASCE
- Committee 437 - Strength Evaluation of Existing Structures
- Committee 440 - FRP Reinforcement
- Committee 444 - Experimental Analysis for Concrete Structures
- Committee 446 - Mechanics of Concrete
- Committee 447 - FEM Analysis of Reinforced Concrete Structures - Joint ACI-ASCE
- Committee 530 - Masonry Standards Joint Committee - Joint ACI-ASCE-ASTM
- Committee 544 - Fiber Reinforced Concrete
- Committee 549 - Thin Reinforced Cementitious Products and Ferrocement

They have contributed with technical and research information to the development of committee activities. In a few cases they have carried chair or editing responsibilities, with particular regard to the fields of Analysis of Creep and Shrinkage Effects in Concrete Structures (ACI 209, M. A. Chiorino), Strength Evaluation of Existing Structures (ACI 437, A. Nanni), FRP Reinforcement (ACI 440, A. Nanni, A. Prota).

Members of ACI Italy Chapter participate also in the activities of some of ACI Standing Board Committees, like IC (International Advisory Committee) and ICC (International Conferences/Conventions Committee, Committee on Awards for Papers) (M. A. Chiorino), TAC (Technical Activities Committee) (A. Nanni).

CONCLUSIONS

- ACI Italy Chapter is a new-born chapter: it has been created in a country and with people of longstanding traditions of international cooperation in the field of structural concrete.
- The feeling of the initiating group was that in the development of a mature science for concrete construction, at worldwide level, there is still a need for more intense contacts among specialists to achieve a deeper harmonization.
- ACI Italy Chapter’s mission has been consequently defined as follows:
  1. Disseminate knowledge and information originating from ACI scientific, technical and regulatory activities.
  2. Foster deeper collaboration and exchanges between the Italian community of scholars and the ACI ambient.
  3. Favor the dialogue and promote harmonization and exchange of experience between ACI and other standard and pre-standard international organizations, like e.g. CEN (Eurocodes), fib and RILEM, in consideration of the traditional well-established links between large sectors of the Italian community of scholars and these organizations.
- The Chapter believes that these goals have been at least partially achieved in this first period of its life.
- The Chapter intends to concentrate its future activity in developing item 1, and in promoting a more extended active participation of its expert members in the activities of ACI Technical Committees and in the life of the Institute, in the frame of item 2.
International Workshop on: "Durability and Sustainability of Concrete Structures"

DICAM, University of Bologna, Italy
October 1-3, 2015

Co-sponsored by

Venue: Department of Civil, Chemical, Environmental and Materials Engineering of the University of Bologna (DICAM), Bologna, Italy (http://www.eng.dicam.unibo.it/)

Hosted by: ACI Italy Chapter & Department of Civil, Chemical, Environmental and Materials Engineering of the University of Bologna (DICAM)

Organized by: ACI Italy Chapter & DICAM

BOLOGNA – THE PORTICO’S CITY

379,000 inhabitants

UNIVERSITY of BOLOGNA

the oldest University in the world!

NUMBER OF ENROLLED STUDENTS
A.Y. 2012/2013

TOTAL 86,014

FEMALES 56.3% MALES 43.7%

ITALIAN INTERNATIONAL 92.9% 7.1%

BOLOGNA CAMPUS 75.8% 24.2%
Workshop format and Committees

The two-day workshop will adopt a plenary presentation format divided in several sessions.
The oral presentations will be mixed with periods for discussion between participants and speakers.
A poster session (or more) will be organized depending on the number of submissions.

Organizing Committee: (in progress)
- Luigi Coppola (University of Bergamo, Italy)
- Roberto Realfonzo (ACI Italy Chapter President, University of Salerno)
- Marco Savoia (DICAM, University of Bologna)

International Scientific Committee: (in progress)

Honor Committee: (in progress)

Submission of abstracts
Abstracts should be submitted at aciitalychapter@gmail.com
Deadline for submission of abstracts: 31 December 2014

Full paper
A full paper can be submitted until March 31, 2015
All accepted papers will be published in the Workshop Proceedings

Important dates
- Abstract submission: December 31, 2014
- Abstract acceptance: January 31, 2015
- Paper submission: March 31, 2015
- Paper reviewed and returned to the Authors: May 15, 2015
- Papers submitted with corrections for final review: June 30, 2015

Preliminary Call for Paper

Social Programs and Costs

Social programs
- Conference Dinner: October 2, 2015
- Visit to the Expo’15 in Milan: October 3, 2015

Registration costs
- Full delegate (includes participation, proceedings, lunches, coffee-breaks, conference dinner)
  - until May 15, 2015: 300,00 euro
  - after May 15, 2015: 400,00 euro
- Accompanying persons (includes lunches, coffee-breaks, conference dinner)
  - until May 15, 2015: 200,00 euro
  - after May 15, 2015: 300,00 euro

Expo’15: Feeding the Planet, Energy for Life