



ACI Paris Chapter

Chapitre ACI de Paris



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President of the ACI Paris Chapter*

ACI Fall Convention 2016, Philadelphia (PA), International Forum
October 23, 2016





History



Created in 1994 under the auspices of the French Association for Civil Engineering (AFGC) as an « **Embassy** » for mutual benefit of increased mutual knowledge between French & European civil and construction engineers and the World of Concrete especially in North America
- The year before Richard & Cheyrezy's historic presentation of UHPC at ACI !



Covers **French-speaking countries in Europe** (France, Belgium, Luxemburg, Switzerland)

About 35 permanent members, but 80 to 130 attendees to the Chapter's event every year.

Among them:

- Designers / engineering offices for buildings and civil structures
- Checkers / control offices
- Owners / authorities
- Professors
- Contractors, precast industry ...



Past highlights



Former Presidents:

Prof. Jean-Armand Calgaro

Darius Amir-Mazaheri (director of PX DAM Engineering Office)

Jacques Trinh (expert, consultant, APAVE control office)

Hosted the last **ACI Centennial Event** in Paris, December 2004

« Architecture and Concrete »



Has organized **one to three technical events per year** with a specific interest in key technical debates raised by international standards in preparation



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Recent technical events

- 2012 *Designing with Eurocode 2: gained experience (buildings, bridges, civil structures), practical issues*
- 2013 *Seismic rehabilitation / strengthening of concrete constructions*
- 2014 *Up-to-date information on standards and reference documents for concrete : material, durability, UHPFRC, aesthetics*
- 2015 *Reassessment of existing concrete structures: present practice, future guidelines and standards*
- 2016 *Explosion and accidental situations: buildings robustness*



Slides available on www.chapitreaciparis.com

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Support of relevant events

2007 **CONSEC'07 in Tours, France**

Concrete under Severe Conditions: Environment and Loading – 200 papers, 320 attendees

**Concrete
Under Severe Conditions**
Environment and Loading



Actes de la 5e conférence internationale
sur les structures en béton sous conditions extrêmes
d'environnement et de chargement
Proceedings of the 5th International Conference
on Concrete Under Severe Conditions Environment and Loading

Sous la direction de / Edited by
François Toutlemonde
Avec la concours de / Co-Editors
Koji Sakai, Odi E. Gerv, Nankumar Banthia

LCPC
Laboratoire Central
des Ponts et Chaussées
Volume 1

2012 **Fire resistance of concrete structures**

National symposium at Cergy, France

2013 **UHPFRC' 2013 in Marseille, France**

Designing and Building with UHPFRC – 81 contributions, 330 attendees

2013, 2014 **TINCE in Cachan, France**

Technological innovations in Nuclear Civil Engineering – around 150 attendees



2017 **UHPFRC' 2017 in Montpellier, France**

see www.afgc.asso.fr/UHPFRC2017



Excellence in concrete construction award

2015 **MuCEM**
1st Prize – Category « Low Rise Building »
Overall Excellence Award Winner

Jean Bouin Stadium Renovation
1st Prize – Category « Decorative Concrete »

2016 **Notre-Dame de Lorette Memorial**
Nominated in Category « Infrastructures »

Renovation of Chatou Dam
Nominated in Category « Infrastructures »



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Our ambition for the future

Keep active in **stimulating education and excellence** in relation to concrete practice and standards

Facilitate **dissemination** of original French documents of possible interest to the World of Concrete (e.g. sponsoring of translation of new French Standards on UHPFRC into English)

Keep **small** but **reactive** and **open** to international scientific advance applicable to practice (e.g. British experts invited in our last technical event!)



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