ACI Paris Chapter

Chapitre ACI de Paris

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President of the ACI Paris Chapter

ACI Fall Convention 2019, Cincinnati (OH), International Forum - October 20, 2019

History and past highlights

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

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 / Owners / authorities
- Professors, researchers, contractors, precast industry …

Special issue « Creep and Shrinkage of Concrete » (1999)
Hosted the last **ACI Centennial Event** in Paris, December 2004
« Architecture and Concrete »

Partner Organizations

AFGC Association Française de Génie Civil

AUGC Association Universitaire de Génie Civil

AFTES

Recent technical events

2017 ***Watertightness of concrete structures: applicable standards from design to execution***

2018 ***Hot topics in Concrete standardization:***
Eurocode 8 revision, UHPFRC standards, durability and exposure resistance classes

2019 ***Pathologies and repair of concrete structures***

10 to 15 presentations: standards under elaboration, technical advances, sites/design examples

Events held at CHEC Arcueil – Higher education center for design engineers
Students attendance promoted

Copy of the slides reserved for 6 months to attendees and Chapter members
then available on www.chapitreaciparis.com

Support of international exchange

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

Designing and Building with UHPFRC – 108 papers, 400 participants

Co-sponsorship - dissemination of information

see www.afgc.asso.fr/UHPFRC2017

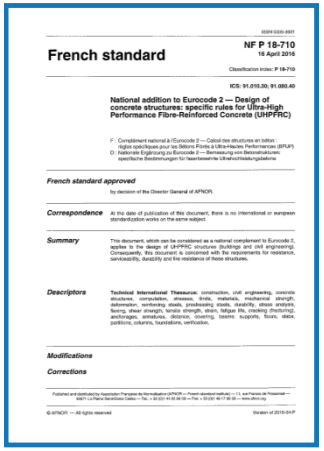
2016-2018 *Co-financing of the translation into English of* ***UHPFRC Standards***

NF P18-710 (design)

NF P18-470 (material)

NF P18-451 (execution)

see www.boutique.afnor.org/norme



French standard

NF P 18-710

National addition to Eurocode 2 — Design of concrete structures: specific rules for Ultra-High Performance Fibre-Reinforced Concrete (UHPFRC)

French standard approved

Correspondence

Summary

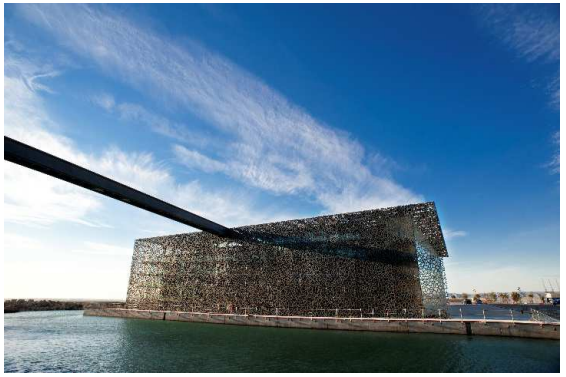
Descriptors

Modifications

Corrections

Excellence in concrete construction: Projects selection for ACI Award

A special council of Chapter officers selects best projects
The Chapter stimulates the projects description
The process promotes combined national / international recognition



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***
1st Prize - Category « Infrastructures »

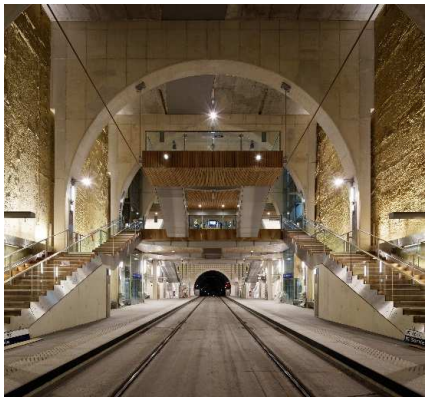
Excellence in concrete construction: Projects selection for ACI Award

2017 ***Renovation of Chillon viaducts***

2nd Prize – Category « Repair and restoration »

2018 ***Roof of TGV railway station Montpellier-Sud de France***

1st Prize – Category « Decorative Concrete »



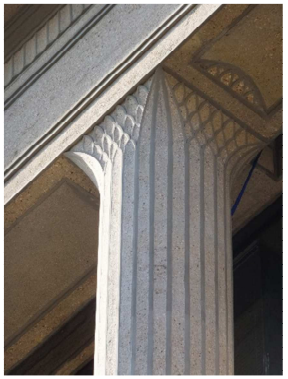
Tram station at Viroflay

2nd Prize – Category « Infrastructures »

2019 ***Entries selected***

Renovation of Palais d'Iéna

Category « Repair and restoration »



The Anastasis Church

Category « Low rise building »

La Marseillaise Tower, UHPC for façade

Category « Decorative concrete »

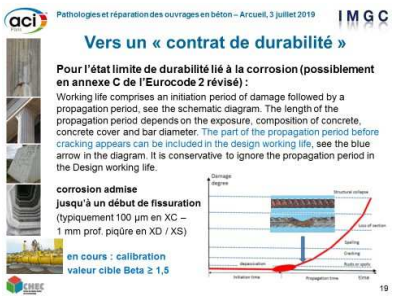
Benefits ?

*Justifying benefits is a **growing issue** for all international / scientific societies: no short-term gain, pressure on time, reluctant bosses...*

1 - *Benefits of attending the Chapter's technical events*: **technical information, contacts** especially with **experts and people active in the standards elaboration** (for concrete and structures domains)

2 – *Benefits of the link with the American Concrete Institute*: access to technical and scientific information stored and maintained in **ACI code and publications** (influent especially in America and Middle East), visibility and access to ACI professional **network**, seminars / webinars

3 – *Benefits of engaging in the Chapter's organization*: opportunity to **act on critical technical debates** for our future business, friendly membership with **high-level partners** open to the world of concrete beyond borders



Paris Chapter’s ongoing ambition

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

Facilitate **dissemination** of French documents to the global World of Concrete

Promote international **visibility** of works and technical achievements realized in French-speaking Europe

Keep **small** but **reactive** and **open** to international **scientific advance** applicable to concrete technology

Help enable **implementation** of these advance by the French-speaking European engineers

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