



ACI Paris Chapter

Chapitre ACI de Paris



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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** »



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Partner
Organizations





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



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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

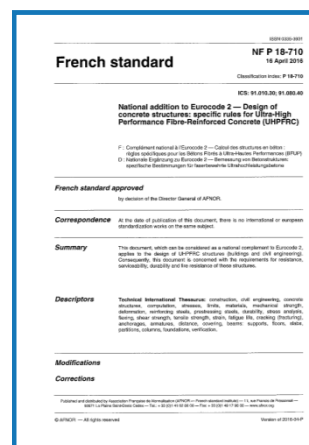
2016-2018 Co-financing of the translation into English of **UHPFRC Standards**

NF P18-710 (design)

NF P18-470 (material)

NF P18-451 (execution)

see www.boutique.afnor.org/norme



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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 »



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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 »

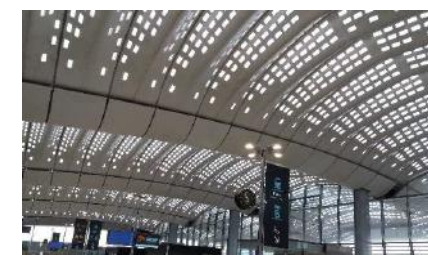
Tram station at Viroflay
2nd Prize – Category « Infrastructures »

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 »





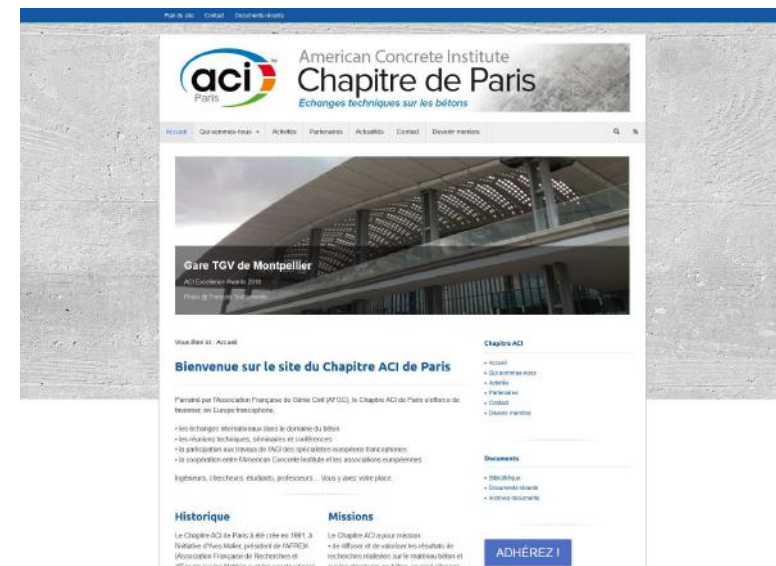
Benefits ?

*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** (influential 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*



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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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