



Yvelines
Le Département



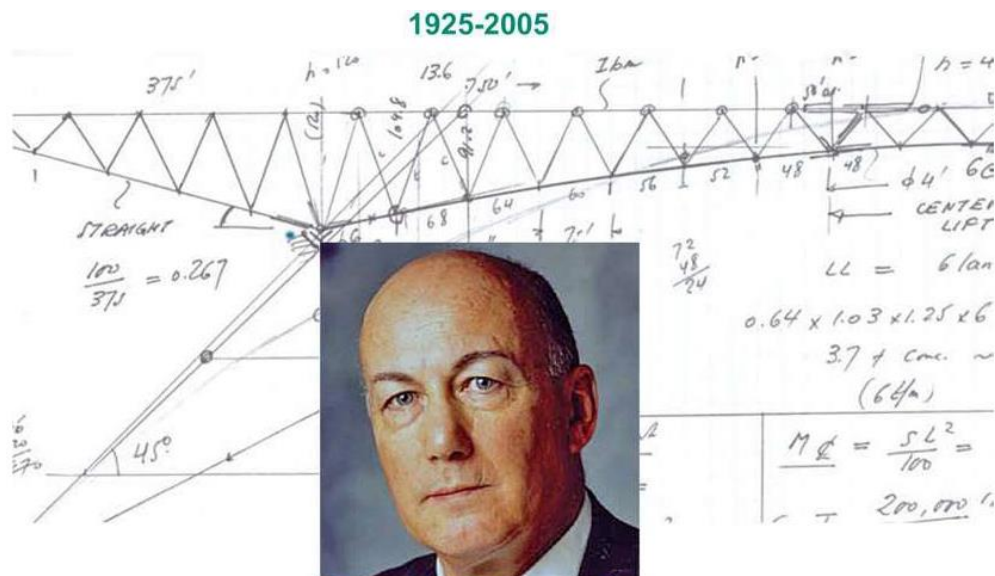
Commemoration of the centenary of the birth of Jean MULLER

June 5, 2025

Jean Muller, a great designer of
bridges and civil engineering structures

On the occasion of the donation of the Jean Muller archives to the Archives Départementales des Yvelines, the Association Française de Génie Civil (AFGC) (History and Heritage Commission) and the Fédération Internationale du Béton (fib) are pleased to invite you to the commemoration of the centenary of Jean Muller's birth on June 5, 2025, which will retrace the major stages of his career and present his most eminent creations.

This commemoration will take place at the Archives Départementales des Yvelines in MONTIGNY LE BRETONNEUX (78).



Jean Muller graduated from the Ecole Centrale de Paris in 1947 and began his career with Eugène Freyssinet. His professional experience would develop over almost 50 years to make him one of the most innovative engineers of the second half of the 20th century.

His concepts and works made a major contribution to the development of prestressing throughout the world. Between 1947 and 1951, he assisted Eugène Freyssinet on projects such as the Caracas-La Guaira Bridges in Venezuela and the Sefid-Roud Dam in Iran. From 1951 to 1955, he moved to New

York, where he took part in projects such as the Lake Pontchartrain, then the longest in the world, for which he developed the industrialization of construction, or the Shelton overpass in New York, which gave him the opportunity to invent the concept of dry joints, a development that paved the way for prefabricated segmental construction. A visit to the Ford factory, with its assembly line, was to prove decisive in his vision of the future of the construction industry.

Back in France, he joined Campenon Bernard. From 1956 to 1977, he contributed to the company's extraordinary growth and influence, designing and carrying out ground-breaking projects in France such as the Choisy-le-Roi bridge, the AREA motorway network, Ile d'Oléron, Brotonne and Saint-Cloud. Abroad, we are building bridges at Rio-Nitéroi in Brazil, Chillon in Switzerland and Sallingsund in Denmark. All these structures irreversibly changed the art of building.

From 1978 to 1987, he joined forces with Eugene Figg to develop a number of previously developed processes in the United States. The result was unprecedented success throughout the United States. The Long Keys, Seven Miles, Sunshine Skyway, Marta and Linn Cove became iconic projects.

In 1988, he set up his own design office, Jean Muller International, to join the Scetauroute group in 1989, which has since become the Egis group. From offices in Paris, San Diego and Bangkok, major projects were developed, including H3 in Hawaii (USA), the elevated metro in Monterrey (Mexico) and the Second Express-Way in Bangkok (Thailand), the Confederation Bridge in Canada, and the Chavanon, Rogerville and Isère bridges in France. All these projects express a unique expertise in the history of construction, and bear witness to his immense career and that of his team.

PROGRAM

9:00am - 9:30am : Welcome

9:30-10:00 : Introduction by Hélène Guichard-Spica, Director, Archives départementales, Antonio Dinis, Association Jean Muller

The transmission of know-how

10:00-10:15 : Jean Muller, by his daughter Véronique Muller, civil engineer with the Ponts et Chaussées engineering school

10:15-11:00 : Invention and development of prestressed concrete, by Michel Placidi, Jacques Combault, Michel Levesque, and Bernard Shepherd.

Break

The American success story

11h15-12h15 The Figg and Muller experience, by Greg Shafer, Jim Lockwood, Walter Eggers, and Daniel Tassin

12:15-12:30 : Discussion with the audience

12:30-14:00 Lunch break and tour of the exhibition

Developing, innovating, pushing the limits

14h00-15h30 Jean Muller International, the apogées of know-how : by Gilles Causse, Claude Le Quéré, Serge Montens, Jean Marc Tanis, and Antonio Dinis

Break

15h45-16h15 : Emblematic projects, by Bernard Shepherd and Antonio Dinis

Building tomorrow's history : collecting, preserving and promoting engineering archives

4:15pm-4:30pm : Collecting the private archives of companies and engineers, by H el ene Guichard-Spica, Director of the Archives d epartementales (France)

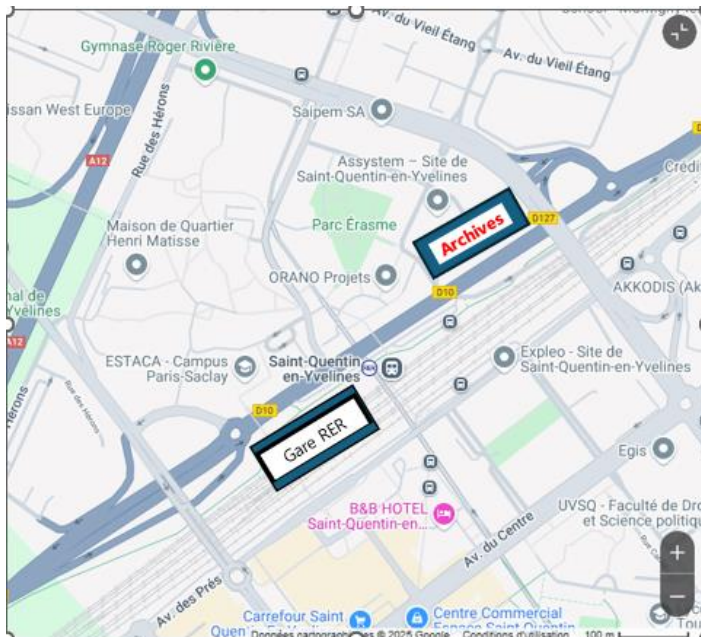
4:30pm-5:00pm : How can technical archives be valorized ? The example of the Jean Muller collection, by Jenny Schneider, archivist at the Archives d epartementales.

5:00 pm - 5:30 pm : Discussion and closing session

How to get to the Yvelines Departmental Archives

2, Avenue de Lunca
78180 Montigny-le-Bretonneux
Saint-Quentin-en-Yvelines

T el : (33) 01 61 37 36 30



Saint-Quentin/Montigny-le-Bretonneux station is served by the RER C and Transilien N and U lines.

Take the "Le Pas du Lac" exit

Sites internet :

<http://archives.yvelines.fr/>

www.afgc.asso.fr

How to register

On-line registration and payment on the AFGC website

Non-members of the afgc can take part in the event by subscribing as non-members and entering their name, contact details and password.

There is no obligation to be an afgc member.

REGISTRATION FEES

Conference and cocktail reception

AFGC members : €40

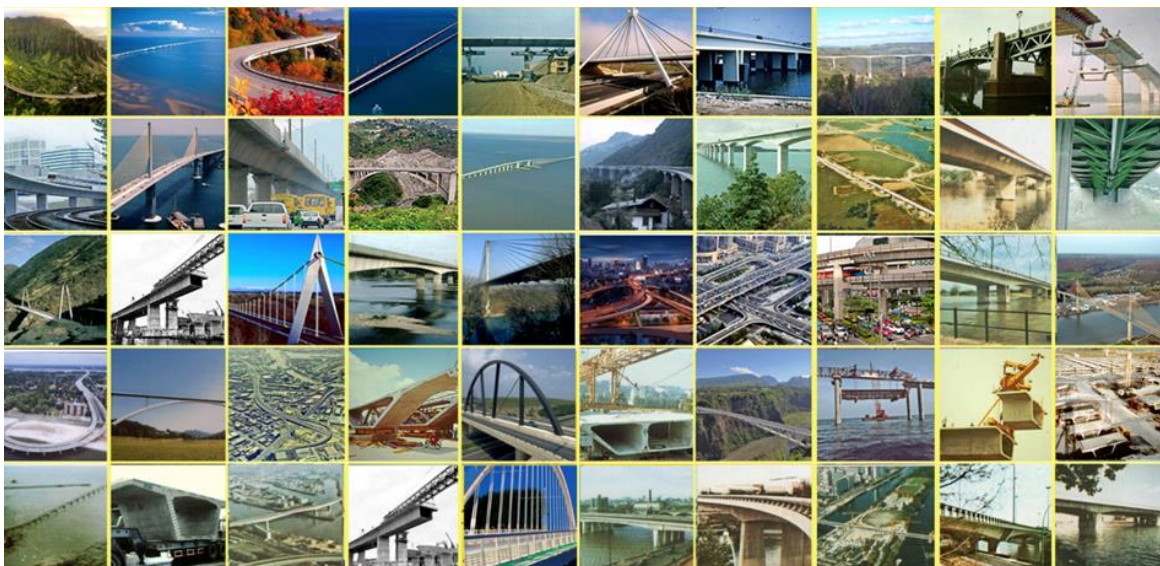
Non AFGC members : €60

Students free, subject to availability

Participation in the Gala Dinner: €75

MAIN WORKS BY JEAN MULLER

This fresco summarizes the diversity of structures and methods used in the design and realization of 50 projects.



OUR PARTNERS

The Yvelines Departmental Archives

The Departmental Archives, whose missions are governed by the French Heritage Code, are responsible for collecting, classifying, preserving and making available to the public the public archives produced within the Yvelines department, whose historical interest justifies their permanent preservation. They

can also receive private archives linked to the history or historical interests of the region, such as the Jean Muller archives.

The Archives départementales des Yvelines holds almost 33 linear kilometers of documents, from the Middle Ages to the present day, which are available to the public. Every year, they welcome some 800 readers, and their website contains 9.5 million images.

The French Civil Engineering Association (AFGC) and its History and Heritage Commission

The Association Française de Génie Civil (AFGC) provides a forum for exchanges between those involved in civil engineering activities. Its aim is to bring together the worlds of materials and structures, teaching and research, and design and application. It organizes numerous meetings for its members, including conferences, technical and scientific events and site visits.

Working Groups bring together researchers, academics and engineers to review the state of the art on key civil engineering topics and to explore new avenues of innovation. These groups contribute to the development of technical documents published by the Association, which enjoy broad consensus at national level and international recognition.

It is the French correspondent for international associations such as IABSE, fib, RILEM and the American Concrete Institute (via the ACI chapter in PARIS).

The AFGC has 1,500 individual members and 110 collective members.

Within the AFGC, the History and Heritage Commission's actions are aimed at inventorying and publicizing, protecting and perpetuating, restoring and adapting, promoting and transmitting civil engineering heritage works. The commission also strives to raise the profile of civil engineering among the general public and younger generations.

It organizes conferences and technical visits to heritage structures, as well as events to introduce the major players in civil engineering.

In addition, the commission seeks to archive existing documents in companies and institutions to ensure their preservation.

PRESENTATION OF THE JEAN MULLER ARCHIVES PROJECT AT THE ADY

The Archives Départementales des Yvelines (ADY) and the Association Jean Muller (AJM), created to safeguard Jean Muller's personal archives, have joined forces to safeguard, group together, protect, classify, digitize, promote and distribute Jean Muller's archives. These archives cover his entire career, and include several hundred study files, projects completed or under study, technical reports, lectures, courses, slides, films and other documents. This work has been and will continue to be accomplished thanks to the close collaboration established between ADY and AJM, with the support of Jean Muller's heirs.

PRESENTATION OF THE JEAN MULLER WEBSITE

The presentation of archived documents will be based on two complementary sites :

The first, attached to the ADY, will be dedicated to accessing and promoting the Jean Muller archives, while the second, technical, will be hosted by a partner connected to the AFGC, and will provide a professional link with the international community of civil engineers and training within engineering schools.

As the digitalization of archives progresses, these sites will provide a unique link between the past and the future, helping to develop the know-how of designers and builders.