



## 2017 *fib* Achievement Award for Young Engineers

### Call for entries

12 September 2016

#### 2017 *fib* Achievement Award for Young Engineers in memory of A.S.G. Bruggeling

Entries are now being accepted for the *fib*'s 2017 Achievement Award for Young Engineers (AAYE). Since 2001, the AAYE has been awarded every two years at an *fib* symposium. The award includes a **€2,000 prize** and an **invitation to the *fib* symposium in Maastricht, the Netherlands** in June 2017, where the award will be presented during a special session. The award is given in two categories in the field of structural concrete, the *Research* category and the *Design & Construction* category. Entries will be judged by an international jury chaired by Professor Aurelio Muttoni of the Ecole polytechnique fédérale de Lausanne in Switzerland.

#### 2017 Prize Sponsors

The 2017 edition of the award is being co-sponsored by DYWIDAG-Systems International B.V. ("DSI") and Spanbeton B.V. The award will be given in honour of **Professor A.S.G. Bruggeling** (1923-2015) who started his career at Spanbeton in the 1950s and worked with DSI, among others, on developments in prestressing systems. Prof. Bruggeling was a teacher and researcher at Delft University of Technology from 1969 to 1986 and a pioneer in prestressed concrete. He had a strong vision for the development of structural engineering in concrete and was a recipient of the FIP Medal of Merit in 1984. His book, "Theory and Practice of Prestressed Concrete" became a standard manual in the field.

#### Candidate eligibility

- Candidates must have the written support (an email is sufficient) of the *fib* national delegation (i.e. *fib* delegate or deputy) for his/her country prior to submitting entry documents to the jury chairman and the *fib* secretariat. The *fib* national delegations should keep in mind that the total number of candidates proposed per country, per category cannot exceed the number of votes the country has in the *fib* General Assembly. Accordingly, if the number of potential candidates from their country exceeds the number of votes, the delegation needs to select the candidates who will receive their support.
- Only candidates born in **1978 or later** are eligible for the 2017 award.
- Candidates in the research category must have completed their PhD.
- Only individual candidates are eligible; group candidates will not be accepted.

#### Entry Procedure

Candidates endorsed by their country's national delegation must provide the following entry documents:

- Application form (available for downloading on the *fib* website);
- Curriculum vitae in English, including nationality;
- Full contact details, including phone number and e-mail address;
- Passport-size photo:

Research category candidates:

- Candidates are nominated on the basis of their PhD thesis. The candidate must submit a copy of the original thesis plus a written summary in English of five to ten pages (even if the original is in English). This summary should include all relevant information to assess the technical level, importance and innovative quality of the thesis. The thesis must have been submitted to and accepted by the competent university authorities in the years 2012 to 2016. Research category candidates should send one printed copy of his/her thesis in its original language to the *fib* Secretariat.

Design & construction category candidates

- Candidates are nominated on the basis of a written report on practical design or execution work realized by the candidate. The report must be in English and should be approximately ten pages in length and include documentation such as photos, plans, etc. The report should also specify the level or responsibility of the candidate and, if applicable, include any relevant information on exceptional or innovative aspects of the work.

All entry documents must be received by **1 November 2016**, in electronic form only (except for the printed copy of the PhD thesis). Entry documents should be sent to the *fib* secretariat at the following address:

*fib* Secretariat - AAYE  
Fédération international du béton  
Ecole polytechnique fédérale de Lausanne  
CP 88  
1015 Lausanne, Switzerland  
[fib@epfl.ch](mailto:fib@epfl.ch)

If selected as a winner, the candidate must be able and willing to attend in the 2017 symposium in the Netherlands and to write a paper on their work that they will submit to *fib's Structural Concrete* journal within two months after receiving the award.

The jury will choose the winner in each category and may additionally select one candidate per category as runner-up ("special mention recipients").

**The *fib* will invite the selected winner** in each category to attend **the 2017 symposium in Maastricht to present and discuss their work** during a special session. This invitation will include:

- the cost of an economy class travel ticket from the candidate's domicile to Maastricht, the Netherlands;
- the registration fees for the symposium; and
- a lump sum contribution of CHF500 to the candidate's accommodation expenses.

#### **2017 Jury Members**

- Professor Aurelio Muttoni, Ecole polytechnique fédérale de Lausanne, Switzerland, *Jury Chair*
- Dr. A.M. Adão da Fonseca, Adão da Fonseca Engenheiros Consultores, Portugal
- Professor György L. Balázs, Budapest University of Technology and Economics, Hungary
- Professor Giuseppe Mancini, Politecnico di Torino, Italy
- Professor Walter Kaufmann, ETH Zürich, Switzerland
- Professor Fernando Rebouças Stucchi, EGT Engenharia S/C Ltda, Brazil
- Professor Joost Walraven, Delft University of Technology, The Netherlands

fédération internationale du béton (*fib*)  
The International Federation for Structural Concrete  
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