



fédération internationale du béton (*fib*)
The International Federation for Structural Concrete
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Lausanne, 16 May 2012

**To all *fib* Heads of Delegations, Delegates and Deputies
for further distribution**

**Re: 2013 *fib* Achievement Award for Young Engineers in memory of Bruno Thurlimann
(formerly the “*fib* Diploma to Younger Engineers”)**

Dear colleagues,

The *fib* Achievement Award for Young Engineers (formerly called the “*fib* Diploma to Younger Engineers”) has been awarded every two years at an *fib* symposium since 2001. The award includes a **€2000 cash prize and certificate of achievement, as well as an invitation to next year’s *fib* Symposium in Tel Aviv, Israel (April 2013)**, where the award will be presented during a special session.

The 2013 edition of the award is **sponsored by the Swiss National Member Group in *fib***, in memory of the late **Bruno Thurlimann (1923-2008)**.



Bruno Thurlimann (1923-2008) earned his degree in civil engineering in 1942 from the Swiss Federal Institute of Technology Zurich (ETHZ). He then worked as a research assistant at Lehigh University in Bethlehem, Pennsylvania, USA, where he received his doctorate in 1951. He was assistant professor and then professor at this university during the period 1951 to 1960, after which returned to Switzerland for a professorship at the ETHZ. From 1973 to 1990 he was a well-known professor of structural engineering, who made significant contributions to the fields of both concrete and steel, including concrete shell structures, the plastic design of steel structures, and prestressed concrete structural phenomena. His research and publications contributed in a decisive manner to the introduction of plastic design methods for structural concrete design, particularly with reference to strut-and-tie modelling, stress fields and shear and torsion design. He consulted on a number of important international projects, including the CN Tower in Toronto, Canada, the Hancock Tower in Boston, USA, and the forensic study of the Sleipner A oil platform accident off the coast of Norway. He was a member of many international societies, and received honorary doctorates from the universities of Stuttgart and Glasgow.

Entries are now being accepted for the 2013 edition of the *fib* Achievement Award for Young Engineers. To be eligible, candidates must have the support of the *fib* National Member Group in their country; applications that are submitted without such support will not be accepted. Entries will be judged by an international jury chaired by Prof. Fernando Stucchi. Entries are to be submitted to Prof. Stucchi and to the *fib* secretariat, in accordance with the procedure described below.

The Award is attributed in two categories, *Research* and *Design & Construction*:

Research Award

The candidate shall be nominated on the basis of his/her Ph.D. thesis. The candidate must submit a copy of the original thesis plus a written summary in English of about five to 10 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 should have been submitted to and accepted by the competent university authorities in the years 2008 to 2012.

Design & Construction Award

The candidate (note: a single candidate, not a group) should be nominated on the basis of a written report on practical design or execution work realized by her or him. This report must be in English and should be about 10 pages long, including documentation such as photos, plans, etc. It 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.

General conditions and entry procedure

- Candidates are only eligible for the 2013 Award if born in **1974** or later.
- Submission of proposals must be received by 15 September 2012, preferably in electronic form. They are to be sent to to the *fib* secretariat (fib@epfl.ch) as well as to the chairman of the jury:

Prof. Fernando Rebouças Stucchi
EGT Engenharia S/C Ltda
Villa Romana
Rua Fabia, 442 -4° andar
05051-030 Sao Paulo, Brazil
egt@egtengenharia.com.br

- The National Delegation (i.e. *fib* delegate or deputy for the candidate's country) must provide written confirmation that they support the candidate (an email is sufficient). In addition, every submittal must contain:
 - the candidate's thesis summary or practical report, as mentioned above;
 - if applicable, one paper copy of the thesis in its original language, to be sent only to the chairman of the Jury;
 - the curriculum vitae of the candidate in English;
 - his/her full contact information, including phone number and e-mail address,
 - a passport-type photo.
- The total number of candidates proposed per country in each category must not exceed the number of votes that country has in the General Assembly of *fib* (if in doubt, please contact the *fib* secretariat).
- The candidates should be prepared and willing, if selected as winner, to participate in the 2013 symposium (see below) and to write a paper on their work to be published later in the *fib* newsletter "*fib*-news" (alternatively, if they prefer, they may submit their report as an article to the *fib* Journal Structural Concrete).

The jury for the 2013 awards is comprised of the following members:

György L. Balázs	(Budapest University of Technology and Economics)
Giuseppe Mancini	(Politecnico Torino, Italy)
Michel Moussard	(Arcadis, France)
Aurelio Muttoni	(EPF Lausanne, Switzerland)
Mike Schlaich	(TU Berlin, Germany)
Joost Walraven	(Delft University of Technology, the Netherlands)

The jury will choose the winners in each category and may additionally nominate one or two candidates per category to receive a ‘special mention’.

***fib* will invite the selected winners** (and special mention recipients, if any) in each category to attend **the 2013 Tel Aviv symposium** and **present and discuss their work** during a special session. This invitation will include:

- the cost of an economy class apex flight ticket from the candidate's domicile to Tel Aviv,
- the participation fees for the symposium, and
- a lump sum contribution of 500 CHF to the candidate's accommodation expenses.

You are asked to please **forward this letter to anyone in your country** who may be a candidate or be in a position to recruit suitable candidates. This information has also been announced in the June 2012 issue of *fib*-news in the Journal *Structural Concrete* and is also available via *fib*'s website www.fib-international.org/news/.

With best regards,

Petra Schumacher
Secretary General of *fib*

Fernando Stucchi
Chairman of the Jury