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## 1977 – 1990

You have in front of you the last issue of the IABSE BULLETIN and the IABSE PERIODICA published in its present form. This quarterly publication was first published in 1977 and after fourteen years of publishing, a need has been found for a new quarterly publication, the contents and the presentation of which will be an improvement. A test issue was presented at Brussels in September 1990, on the occasion of the Annual Meetings and of the IABSE Symposium. This test issue was very well received and we are confident that the new journal, entitled «Structural Engineering International», will be a great success among our members and our subscribers. The first issue of this new journal will be introduced in February 1991.

There are also certain important, if not altogether pleasant, facts which should be mentioned: after eight years without any nominal change of the membership fees it has been necessary to apply new fees for 1991 in order to maintain a balanced budget. The excess of expenditure for 1989 (about SFr. 140 000.–) was even worse than budgeted (SFr. 53 000.– of excess of expenditures). We do count on the cooperation of our members and can assure them that the Secretariat of IABSE will do its utmost, also in 1991, to meet the wishes and expectations of the IABSE members.

Your active participation in our conference and publications programmes as well as your remarks and propositions are most welcome.

*Alain Golay*  
*Executive Director*

Vous avez sous les yeux le dernier numéro du BULLETIN AIPC et des PERIODICA AIPC, publiés sous la forme actuelle. C'est en 1977 que cette publication trimestrielle a été éditée pour la première fois et c'est donc après 14 ans de parution que place est faite à une nouvelle revue trimestrielle, dont le contenu et la présentation seront améliorés. Un numéro d'essai a été présenté à Bruxelles en septembre 1990 à l'occasion des réunions annuelles et du Symposium AIPC. Ce numéro a rencontré un très bon écho et nous sommes confiants que la nouvelle revue AIPC «Structural Engineering International» obtiendra un grand succès parmi nos membres et nos abonnés. Nous vous présenterons cette nouvelle revue et son premier numéro en février 1991.

Il y a aussi des réalités moins sympathiques et qu'il ne faut pas négliger: après huit ans sans changement nominal des cotisations, il a été nécessaire d'adapter de nouvelles cotisations pour 1991, afin de maintenir un budget équilibré. Le résultat négatif (SFr. 140 000.– environ) de l'exercice 1989 a été en effet plus mauvais que ne le prévoyait le budget (SFr. 53 000.– d'excès de dépenses). Nous comptons sur la compréhension de nos membres et les assurons qu'en 1991 le Secrétariat de l'AIPC entreprendra de son mieux ce qui est nécessaire afin de répondre aux attentes des membres de l'Association.

Votre participation active à nos activités de conférences et de publications ainsi que vos remarques et propositions sont les bienvenues.

Vor Ihnen liegt die letzte Ausgabe des IVBH BULLETINS und der IVBH PERIODICA, welche in der heutigen Form herausgegeben werden. Im Jahr 1977 wurde diese vierteljährliche Veröffentlichung zum ersten Mal herausgegeben; nach vierzehn Jahren ergibt sich die Notwendigkeit zu einer neuen vierteljährlich erscheinenden Veröffentlichung, deren Inhalt und Darstellung verbessert werden. Eine Nullnummer wurde anlässlich des Jahrestreffens und dem IVBH Symposium in Brüssel im September 1990 vorgestellt. Diese Nummer wurde willkommen geheißen und wir sind überzeugt, dass die neue Zeitschrift «Structural Engineering International» einen grossen Erfolg unter unseren Mitgliedern und Abonnenten haben wird. Diese neue Zeitschrift wird Ihnen in ihrer ersten Nummer im Februar 1991 vorgestellt.

Es gibt auch Tatsachen die weniger sympathisch sind und die doch berücksichtigt werden müssen. Nach acht Jahren ohne nominale Änderung der Mitgliederbeiträge wurde es nötig, neue Mitgliederbeiträge für das Jahr 1991 anzunehmen, um ein ausgeglichenes Budget zu behalten. Das Resultat der Jahresrechnung 1989 (minus SFr. 140 000.–) fiel sonst tatsächlich noch schlechter aus als budgetiert (SFr. 53 000.– Aufwandüberschuss). Wir zählen auf das Verständnis unserer Mitglieder und versichern Ihnen, dass auch 1991 das Sekretariat der IVBH sein bestes unternehmen wird, um die Erwartungen und die Bedürfnisse der Mitglieder zu erfüllen.

Ihre aktive Teilnahme an unseren Tätigkeiten, seien es Veranstaltungen oder Veröffentlichungen, sowie ihre Bemerkungen und Vorschläge werden immer willkommen sein.



*Both Chairmen of the Organizing Committee (Paul Lefèvre, left) and of the Scientific Committee (Prof. Daniel Vandepitte, right) in a lively, but friendly discussion during the Symposium in Brussels*

The IABSE Symposium in Brussels was organized in a competent and friendly manner by the Belgian Group of IABSE. More than 600 participants and more than 100 accompanying persons were involved in the technical and social programmes. The contents of the Symposium Report as published is described in this present bulletin and can be ordered from the IABSE Secretariat. Among the various points dealt with at the Committee and Commission Meetings, worthwhile noting is the adoption of new By-laws by the Permanent Committee of the Association. An important amendment concerns the presidency of IABSE, i.e. it will no longer be exclusively reserved for Swiss nationals but open to the general membership. This should serve to accentuate the world-wide character of IABSE even more. More detailed information on the new By-laws will be given in the first issue of the new IABSE journal. We hope to convey to our members by means of such innovations, among others, that IABSE is a dynamic association.

Le Symposium de Bruxelles a été organisé avec compétence et amabilité par le Groupement Belge de l'AIPC. Plus de 600 participants et plus de 100 personnes accompagnantes ont participé aux programmes technique et social. Le Rapport du Symposium a été publié, il est décrit dans ce Bulletin et peut être commandé au Secrétariat de l'AIPC. Parmi les différents points traités par les comités et commissions, il y a lieu de relever l'adoption des statuts révisés par le Comité Permanent de l'Association. Une modification essentielle a trait à la présidence de l'AIPC: celle-ci n'est plus exclusivement réservée à un Suisse mais est ouverte à tous les membres. Cela devrait contribuer à accentuer encore davantage le caractère véritablement international de l'AIPC. De plus amples renseignements sur les nouveaux statuts seront donnés dans le premier numéro de la nouvelle revue. Nos membres sauront voir dans ces deux nouveautés (statuts et revue) que l'AIPC est dynamique.

Das IVBH Symposium in Brüssel wurde mit Kompetenz und Freundlichkeit durch die belgische Gruppe der IVBH organisiert. Über 600 Teilnehmer und über 100 Begleitpersonen haben an technischen sowie gesellschaftlichen Programmen teilgenommen. Der Symposiumsbericht wurde herausgegeben. Er wird in diesem Bulletin beschrieben und kann beim Sekretariat der IVBH bestellt werden. Unter den verschiedenen durch die Kommittees und Kommissionen behandelten Punkte wird die Annahme der revidierten Statuten durch den Ständigen Ausschuss erwähnt. Eine wichtige Änderung betrifft die Präsidentschaft der IVBH. Diese wird nicht mehr exklusiv für einen Schweizer reserviert, sondern steht allen Mitgliedern offen. Damit soll der wirklich internationale Charakter der IVBH noch mehr unterstrichen werden. Weitere Auskünfte über die revidierten Statuten werden in der ersten Ausgabe der neuen IVBH Zeitschrift gegeben. Wir hoffen mit diesen beiden Neuheiten – Zeitschrift und Statuten – unsere Mitglieder von der Dynamik der IVBH zu überzeugen.

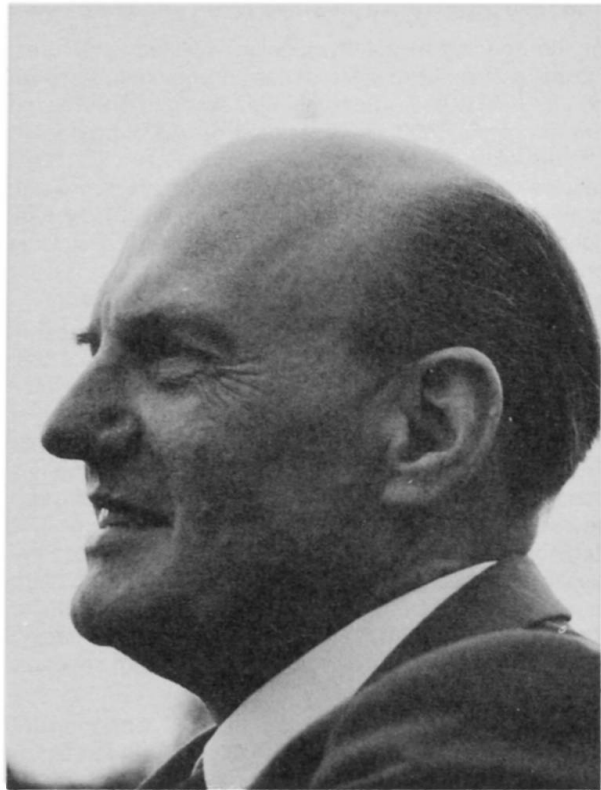
### **Bernard P. Wex presented posthumously Honorary Membership of IABSE**

At the opening of the Symposium «Mixed Structures, including New Materials» of the International Association for Bridge and Structural Engineering in Brussels on September 5, 1990, the President of IABSE remitted to Mrs. Sheila Wex, Honorary Membership presented posthumously to her late husband, «in recognition of his longstanding support of the Association and his significant contributions to the art and science of structural engineering».

Born in 1922, Bernard Wex, after war service in the Royal Armoured Corps, graduated from Imperial College, London in 1950 with 1st Class Honours. Joining Freeman Fox & Partners as an Assistant Engineer in 1950, he was made a Partner in 1969, Managing Partner in 1982 and retired in 1987. Bernard P. Wex died from leukemia on 31 July, 1990.

He worked on design aspects of many major projects including Auckland Harbour Bridge, New Zealand, Ganga Bridge, India, Forth and Severn Bridges, UK. He played senior roles in major power station structures and a number of oil- and gas-pipeline bridges in India and Pakistan, some of novel design. He was involved in design and supervision of the construction of a number of very major bridges including Avonmouth, Foyle North Ireland, the largest being the Humber Bridge Project, currently the World's longest span. Work abroad included bridges in South Africa and an immersed tube tunnel construction in Hong Kong.

Bernard Wex was a member of many UK engineering bodies and served on several committees including those on box girders, mast and tower loading. He was Chairman of the UK Steel Construction Institute. As a member of IABSE, he held a number of offices, including Chairman British Group, Chairman Working Commission on «Design Methods and Processes», Chairman Technical Committee, Member of Executive Committee and Vice-President from 1983 to 1989. He was made



*Bernard P. Wex †*

Officer of the Order of the British Empire by Her Majesty Queen Elizabeth, in 1982.

The Executive Committee of IABSE had elected him unanimously Honorary Member in the Spring of 1990, in appreciation of his endeavours to encourage the adoption of sound engineering judgment not only for technical matters but also for more general aspects affecting society.



*Mrs. Sheila Wex (center) with Mr. and Mrs. Quinion*



### The 1990 IABSE Prize awarded to Dr. Junichiro Niwa

At the opening of the Symposium «Mixed Structures, including New Materials» of the International Association for Bridge and Structural Engineering in Brussels on September 5, 1990, the President of IABSE presented Dr. Junichiro Niwa with the IABSE Prize. Dr. Niwa received the Award «in recognition of his promising achievements in research and education in structural concrete, keeping in mind the needs of practising engineers».

Born in 1956, Junichiro Niwa studied at the University of Tokyo where he obtained his diploma as an engineer in 1978 as well as his Doctorate in Engineering in 1983. Dr. Niwa, who devotes himself to research and education, was an Assistant Professor at the University of Tokyo from 1983 to 1986, and, subsequently, Associate Professor at Yamanashi University. Since 1989, he has been at Nagoya University, and as of 1985 he obtained several important prizes from the Japan Society of Civil Engineers and from the Japan Concrete Institute. Principally, his research deals with strength and deformation of reinforced concrete structures subjected to shear and torsion, application of finite element methods to design of concrete structures, and durability design of concrete bridges.

The «IABSE Prize» of the International Association for Bridge and Structural Engineering (IABSE) is awarded to a member of the Association under forty years of age, in recognition of an outstanding contribution in the field of structural engineering whether in planning, design, construction or research. Given for the first time in 1983, the Prize was presented to Michel Virlogeux, France; Michael Braestrup, Denmark; Franco Mola, Italy; Marita Kersken-Bradley, Germany; Claude Servant, France; Santiago Calatrava, Spain.

### International Award of Merit to Professor Lars Oestlund

At the opening of the Symposium «Mixed Structures, including New Materials» of the International Association for Bridge and Structural Engineering in Brussels on September 5, 1990, the President of IABSE presented Prof. Lars Oestlund with the International Award of Merit in Structural Engineering. Prof. Oestlund received the Award «in recognition of his significant contribution to the improvement of quality and reliability in the design, analysis, construction and operation of structures, as well as for coordinating efforts between international organizations».

Following graduation as a Design Engineer, Lars Oestlund worked for three years at Skanska Cementgjuteriet in Stockholm. He then joined the Department of Structural Engineering at the Royal Institute of Technology in Stockholm, where he worked as a Research Assistant and Assistant Professor from 1948 to 1957. He received his Doctorate in 1954. From 1957 to 1965 he was Chief Design Engineer at Contractor, Stockholm. From 1965 to 1986 he was Professor at the Department of Structural Engineering at the Lund Institute of Technology. The research work of Professor Lars Oestlund focuses mainly upon safety and loads, but also thin-walled steel structures, fatigue of concrete structures and composite beams. Professor Oestlund has been very active in committee work of international organizations such as the Nordic Committee on Building Regulations (NKB), the Joint Committee on Structural Safety (JCSS), the International Organization for Standardization (ISO) and the International Council for Building Research Studies and Documentation (CIB).



*From left to right: Dr. Junichiro Niwa, Laureate; Prof. Manabu Ito, Presentator; Prof. Lars Oestlund, Laureate; Mr. Werner Von Olnhausen, Presentator.*