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#### EDITORIAL

This NEWSletter issue no 2010/3 is a supplement to the edition dated April 2010. The volume of material solicited and received since January 2010 has exceeded expectations, and rather than delay publication of several articles suitable for publication until August, it has been decided to produce this supplement. Some of the items customarily found in the NEWSletter, i.e. EVENTS CALENDAR and the IFHE website listing, are excluded. Sadly obituaries for two IFHE Past Presidents are included. Several items relative to hospital architecture appear; and a new B Associate member is introduced.

#### ROBERT J COTTRILL IFHE PRESIDENT 1984-1986

*Robert Cottrill, 8th IFHE President passed away in Melbourne Australia on 20 September 2009. The following tribute is derived from an article titled **Vale - Bob Cottrill**, written by Jim Cozens and Ian Thomson, which appeared in the Australian Hospital Engineer, Volume 33 Number 1 Summer 2010.*

Robert James Cottrill was born in Melbourne, Victoria on 20 November 1926. After his secondary schooling, he joined the Royal Australian Navy towards the end of the Second World War. While in the service he met Jim Turnour. Both were destined to follow similar paths, and have careers as hospital engineers later in their lives.

After leaving the navy, Bob worked at the Newport Power Station, and then obtained a position as an engineer at the Royal Prince Henry Hospital in Melbourne. He joined the then Institute of Hospital Engineers and became an active member of the Victoria/Tasmania Branch – elected as a 'Member' in February 1969, and subsequently graded as 'Senior member' in April 1972. After serving as President of the Victoria/Tasmania Branch he became the IHEA Federal President in 1978.

On the occasion of the IFHE 8<sup>th</sup> International Congress in Melbourne November 1984 he was inducted as President of IFHE. Jim Cozens recalls assisting Bob Cottrill in his role as President at the congress, which through his leadership and guidance was regarded as an outstanding success, and one of the first of these events to realise a profit for the host country organization. The proceeds were applied to hospital engineering education and training for a prolonged period during the 1980's and 1990's.

During his term of office Bob Cottrill travelled extensively to attend IFHE meetings in various parts of the world, and in May 1986 at Barcelona he was elected to Honorary membership. He retired from his position at Prince Henry Hospital in November 1986 shortly before that institution was closed and incorporated into the Monash Medical Centre at Clayton. In 2009 in recognition of over 40 years membership in IHEA, he was awarded a life membership medallion at the national conference - in absentia. He will be remembered by members of IHEA as a warm and gentle man always prepared to listen and to offer professional mentoring guidance and support.

On a personal note the IFHE General Secretary says: It with sadness that I read about the passing of Robert Cottrill, IFHE Past President 1984-1986. As the SAFHE Council representative I was present in Melbourne at his accession to the Presidency and remember being impressed by the firm but fair manner in which he chaired and controlled the IFHE Council meeting, which in those days tended to be drawn out - due partly to the requirement for translation of the proceedings into a second language – and sometimes fractious due to the volatility of some of the participants.

#### PAUL- ERIK REE IFHE PRESIDENT 1996-1998

*Paul-Erik Ree, 14th IFHE President, passed away in the Skeiby Hospital, Denmark on 14 March 2010. The following obituary is based on an outline of Paul-Erik's life and career kindly provided by Ingrid Ree.*

Paul-Erik was born in Vejle, Denmark, 04 November 1945, the youngest of four children. His father was a ship's steward, and sailed on long voyages. His mother therefore was very much alone with the children. Paul-Erik grew up and went to school in Vejle. He trained as a fitter in Vejle, before beginning his studies in engineering in Horsens in 1967. At that time Paul-Erik and Ingrid met each other.

In 1971 he did one year's military service in the air force. During that year, Paul-Erik and Ingrid's first child, Lars was born. In 1972 Paul-Erik was appointed second engineer in Horsens Hospital, where he worked in the technical department, and later became the Chief Engineer. In 1973 Paul-Erik and Ingrid's second son, Per, was born.

Paul-Erik started his participation in various associations during the course of his studies, being elected chairman of the engineering school council. He was also chairman of the local engineering association, before he became a member of the committee of FSD (the Danish Association of Hospital Engineers) in 1977. FSD had been admitted to membership of IFHE in 1978, and in 1983 Paul- Erik was nominated as one of FSD's representatives to the IFHE Council. He and Ingrid regularly attended IFHE congresses from 1980 onwards. From 1986 to -2008 he was the chairman of FSD. In 1992 he was appointed to the IFHE Executive Committee, and in 1996 was inducted as IFHE President on the occasion of the 14th Congress in Copenhagen. He served on the Executive Committee until October 2000 and thereafter, as IFHE Honorary member, continued to attend Council meetings until October 2008.

Paul-Erik retired from his career as a hospital engineer on 01 November 2008.

In his youth, Paul-Erik was a good football player, and also a football referee. He loved going into the natural countryside as a fisherman and hunter. In 1985 the whole family started to play golf, a sport he enjoyed very much. He was manager for the golf team in Horsens, when his two sons played on the team. He was very proud of his sons, and doted on his five grandchildren. He was a very helpful person and popular everywhere.

Erik Høibjelke, Vidar Smalås, and Gunnar Baekken represented IFHE and FSTL at Paul-Erik's funeral in Horsens , Denmark on 20 March . On behalf of IFHE, Gunnar Baekken expressed appreciation of Paul-Erik's outstanding contribution to IFHE, and conveyed condolences to Ingrid and family. "We all have lost a good friend and a dedicated man working for hospital engineering."

The following are extracts from messages sent by members of IFHE:

Bernard Shapiro, IFHE General Secretary : *Paul-Erik, and Ingrid's, presence at IFHE Congresses and other IFHE events, was much appreciated. I met them at venues in many countries, and remember with pleasure the occasions and times spent together. I always marveled at the manner in which Paul-Erik managed to travel, attend the meetings, express his definite opinions - in spite of his kidney problems and need for regular dialysis. He will be sorely missed by his colleagues in IFHE, and in particular by those who served with him on the Executive Committee for so many years.*

Pedro Elzuardia, SUAIH Uruguay: *I remember Paul-Erik since the beginning of my participation in IFHE events. What's more, I remember you both, who always accompanied him to events. The best we can do is not forget him, because is best way to keep him, among us. My sympathies go to all who were able to appreciate him.*

Sam Wanda UNAMHE Uganda: *I have received the news of the passing on of Past IFHE President Paul Erik-Ree with much sadness. I first met Paul at the IFHE Congress of 1996 in Copenhagen and respected him for his involvement and support to IFHE even long after he left the Executive and Council. The IFHE fraternity will sorely miss him. On behalf of UNAMHE and indeed on my own behalf I would like to send our sincere condolences to his Family.*

Ole Rist FSTL Norway: *We are very sorry to see that one of the best supporters of IFHE is gone. We felt that he was a very good and dear friend. We give our warmest thoughts to Paul Erik's family.*

Gunnar Baekken FSTL Norway: *I received the message about Paul Erik Ree death with great sadness. He was a true friend and mentor for me in the many years we worked together. FSTL honoured him as Honorary Member and each year Paul Erik joined us for the national meeting in FSTL. He always had ideas about the development of IFHE and also FSTL.. We all have lost a great contributor to IFHE and a very good friend.*

*My thoughts go to his wife Ingrid and to his friends in FSD We will always remember Paul Erik!*

Sergio Adofaci, Past IHEA Federal President, IFHE 16th Congress Chairman Sydney 2000: *Paul-Erik was a good mate of the " Aussies".. He had a great friendship with us, especially with the late Bruce Nosedo. IN 1984 Paul-Erik came to Melbourne, and in 2000 to Sydney; he did a trip to the Outback; and Bruce organised his dialysis in various hospitals. From the IHEA our deepest condolences to Ingrid and family. Goodbye Mate !*

Cosimo Damiano Pipoli, FENATO Italy, IFHE General Secretary 1992-1998: *The news is very sad. Paul-Erik has been always a good friend to all of us. Serious and volunteer for IFHE, happy to live besides he was obliged to be in dialysis since his trip to South Africa. He gave us a good lesson of life. It is a loss for IFHE.*

Jim Cook, IHEEM UK , IFHE Treasurer: *Paul-Erik was a highly regarded and respected colleague and I shall miss him. Much of his time as President was I guess before my time, but I can recall his many valuable and helpful contributions at Council meetings and his ready smile and sense of humour. He will be a hard act to follow.*

Juha Rantasalo, President AFHE Finland: *It was very sad to hear that Paul-Erik Ree has passed. Although many of us knew about Paul-Erik's health problem the message of his death shocked us. We have lost a great friend and a man who gave a lot of his inspiration and energy to IFHE. His opinions were well defined and respected by all of us. It was always near Paul-Erik's heart to support small countries and new associations to join the IFHE family. That especially warmed our minds among Nordic countries and in Finnish association. We have an especial spirit of togetherness among Danish, Norwegian and Finnish associations, and Paul-Erik was one of the main persons to engender that spirit. We have so many nice memories from Paul-Erik in different occasions near and far away.*

Marcello Fiorenza , SIAIS Italy: *I met Paul, the first time, during my first presence at IFHE congress Sydney 2000; but I really knew him last May 2008, when he came to Italy for SIAIS congress held in Rieti. I hit him his inner strength and his desire for knowledge, his culture and his wisdom. I remember when in 6 person in my not big car (me, my wife, Francisco, his wife and Paul, his wife), we went to visit the Greccio Monastery where S.Francesco made the first living nativity scene..... A real adventure! Paul will always remain in my memory so.*

Christian D.Bender, WGKT Germany: *We all lost a good friend and excellent contributor within our IFHE community and the healthcare market. Besides various meetings with Paul-Erik all around the globe, I attended some years ago an annual FSD meeting near Billund, DK. It was a great pleasure to see Paul-Erik in action for better healthcare and how he inspired colleagues and friends within FSD and IFHE. Our thoughts are with Ingrid and we can assure her that Paul-Erik will be always in our memory.*

Ronnie Browne, IHEEM UK : *I was so sorry to hear of the death of Paul-Eric. I knew that he had been unwell for some years but he did not let that stop him from getting to IFHE events. I, like many others, enjoyed his company very much and we will all miss him greatly. Please accept our deepest sympathy from everyone here in IHEEM (UK).*

Francisco Castella AEIH Spain: *It has been a sad news. We have met him and Ingrid in IFHE events for many years I wrote to Ingrid in my name and of my wife expressing our sentiment of friendship.*

Harry Waugh IHEEM Scotland: *I first met Paul-Eric in Copenhagen in 1996 when I was doing a promotion for the Edinburgh Congress. At lunch time that day he called me over to join him and the other Scandinavians he was with, they always seem to group together, and that was instant friendship with a great group of people. Over the years he and his wife Ingrid always kept in touch until we met again at Congress. I was always amazed at the way he could go all over the world, be so heavily involved, and still arrange for dialysis wherever he was. He did this so privately and so well that I'm sure a lot of people would not even know about his illness. In the run up to the Edinburgh Congress he was very supportive and his help and guidance was well appreciated. The only Photograph I could find was taken on the steps in front of the National Museum in Edinburgh, I think before the Gala Dinner. Paul was second from right beside myself. Ironically the photograph also shows Hans Burger and Lawrie Hadley, both also now gone.*

[ IFHE members who may wish to have sight of the photograph mentioned by Harry Waugh are requested to contact the General Secretary.]

## RIBA DECEMBER 2009 INTERNATIONAL NEWS

**Akershus University Hospital**, Oslo, Norway, designed by C. F. Møller Architects, has been awarded 'Best International Design' at the Building Better Healthcare Awards. The building is described as one of Europe's most modern designs – friendly and informal with open surroundings oriented towards the patients and their relatives. The architects worked consciously to integrate the daily lives of the patients and 'the world outside'. Despite its size, patients find it easy to find their way around, while an internal, open boulevard offers such services as a hairdresser, priest, library, café and pharmacy – similar to an urban environment and normal daily life. It exemplifies sustainable design, using locally sourced materials and geo-thermal energy to provide 85% of the heating and 40% of the total energy consumption. Cutting-edge technology, including robotics, helps staff have more time for patients. [www.cfmoller.com](http://www.cfmoller.com).

## WORLD ARCHITECTURE NEWS ISSUE NO. 226 19 JANUARY 2010

*The WAN Editorial previews Foster and Partners first ever hospital design*

Now complete near Bath in England, the hospital was previewed to the press in January 2010. Commissioned by healthcare providers Circle, the hospital is a vessel for a new generation of collaborative 'bottom-up' managed hospitals. Circle employed Foster to design a building where the senses of comfort and community are heightened in line with their novel approach to ownership, which sees each hospital 'owned' by its employees regarding each employee as a 'partner'. Expected to open to both private and National Health Service patients in February, CircleBath, will be more akin to a hotel or high-end business centre than a hospital. The three level hospital is set into the hills on the edge of a protected green belt near Bath.

The hospital's design is 'democratic', putting the patient at the heart of the system in a space that does not feel institutionalised and instead takes advantage of the rural setting, the light and the views.

The exterior is elegantly simple with lower level dark panelling on the northern facade and extensive glazing to the south allowing views over the surrounding countryside. Above floats a rectangular upper volume clad in 'a reflective lattice of aluminium shingles', say the architects. Patients and visitors are welcomed into the hospital via a large light-filled atrium forming the centre of the building and a solid point of navigation.

Operating theatres, consultation, treatment and recovery spaces, and 28 bedrooms for both in-patient and out-patients are provided in light-filled surrounds with a warm and luxurious décor. Each area is linked to the internal atrium or the natural surroundings - or both - via glass panels and windows. The operating theatres and recovery spaces on the ground floor look out to a private garden to the south. The bedrooms on the upper floor look out onto balconies, planted with herbs and shrubs, lining the building's perimeter and oriented to maximise views across the countryside.

Landscaping emphasises natural environment to create the opposite of an institutional atmosphere.

Divisions between departments are minimal, easing the stress involved in consultation, treatment and recovery for patients and reducing walking distances for staff.

## WANBOOKS.COM Edition 133 Health 05 March 2010 selection from the WAN bookstore

PHARMACIES: CONSTRUCTION AND DESIGN MANUAL £48.55 BECKER, DORTE & MEUSER, PHILIPP

The pharmacy trade has undergone a profound transformation in the last few years: from dispensing chemists to a provider of health services.

MODERN HOSPICE DESIGN £24.99 WORPOLE, KEN WALPOLE

There is a global public debate going on about care for the elderly and the dying, and what is meant by good quality palliative care.

MASTERPIECES: HOSPITAL ARCHITECTURE AND DESIGN £35.00 KRUSE, STEFAN. Architecture and design are playing an increasing role in today's approaches to treatment and recovery.

EVIDENCE-BASED HEALTHCARE DESIGN £45.00 CAMA, ROSALYN

If designed properly, a healthcare interior environment can foster healing, efficient task-performance and productivity, effective actions, and safe

ARCHITECTURE FOR HEALTHCARE £30.00 BOEKEL, ANDREA

'Architecture for Healthcare' continues IMAGES' commitment to presenting the very latest trends in architecture for health, from the best architects

## WANBOOKS.COM Edition 136 16 April 2010 selection from the WAN bookstore

INNOVATIONS IN HOSPITAL ARCHITECTURE £40.00 VERDERBER, STEPHEN F.

This reference book captures key recent developments in the rapidly evolving field of sustainable hospital architecture. 28 case studies of built and unbuilt hospitals from around the world.

eMail [orders@wanbooks.com](mailto:orders@wanbooks.com)

## WORLD ARCHITECTURE NEWS e-mail Friday 19 March 2010

WAN announces that its 2010 international sector awards programme will now be operated in conjunction with the UIA starting with **Healthcare**. The two organisations are committed to working together to deliver a global awards programme to the highest standard in the architectural community. The UIA endorses WAN's achievement of operating the 2009 awards on a minimal carbon footprint reflecting both the financial and ecological environments and this process will be continued for 2010.

The awards programme will follow the current WAN format of bi-monthly sectors, Healthcare/Civic Buildings/Urban Design/Commercial/Residential which has proved so popular in 2009 and will adhere to UIA rules.

The expansion of the awards to include the UIA's member organisations in 124 countries will reinforce the programme to make this a truly global initiative and set the highest possible benchmark for architectural design.

WAN AWARDS Healthcare Sector 2010 - Designs for healthcare buildings (hospitals, surgery or other medical facilities) that have been completed in the last 3 years, can be entered. This year a category for un-built projects has been introduced, so that a design on the boards for a health-care building not yet built may also be entered. To enter see [www.worldarchitecturenews.com](http://www.worldarchitecturenews.com) for link.

### **IFHE WELCOMES A NEW B ASSOCIATE MEMBER**

*The following is an edited version of the curriculum vitae provided by Dr Andrei Issakov in support of his application for IFHE Associate membership, which has been accorded to him, and will be reported at the next IFHE Council meeting*

Dr Andrei ISSAKOV was born on 09 June 1953 in Moscow, the then USSR. A Russian national, he permanently resides in Geneva, Switzerland. Married to Olga Issakova, also a physician, he has two grown-up daughters.

Dr Issakov has worked in clinical practice and public health for 34 years. He received his Medical Degree (with honours) from the Russian Medical University in Moscow, and then specialized in surgery, medical education, and public health in the USSR and UK. He has a Ph.D. in Paediatric Surgery, and a Master's Degree in Public Health. Before joining the World Health Organization (WHO) in 1985, he occupied a number of clinical, teaching, research and administrative positions at the Russian Medical University and the major Children's Teaching Hospital in Moscow.

Over 24 years of working with WHO between 1985-2009, including ten years as the Team Coordinator (Unit Head), Dr Issakov has provided significant contribution to several key areas of WHO programme activities, such as: strengthening health systems, health sector reform, health policy and systems research, organization and management of health service delivery, quality of care, patient safety, health technology assessment and management, health facilities planning, and logistic support to health services, in which he has proven experience and recognized expertise. He effectively worked with various categories of stakeholders – governments, UN agencies, NGOs, academia, donor and technical assistance agencies, professional associations, patient groups and civil society. He has developed, mobilized external financing and implemented various projects, including several multimillion ones, in some 135 countries, and extensively travelled for carrying them out to over 80 countries, most of them being developing nations and transitional economies.

One of the principal areas of Dr Issakov's direct responsibility was the *Program on Health Systems Physical Infrastructure and Technology Management* initiated by him in 1986, and to which he continuously provided an organizational, technical, intellectual and policy leadership until his retirement from WHO in 2009. It has developed into a recognized global leader, and was instrumental in building a sound global knowledge base, strengthening developing countries' capacity for health technology and facilities planning, assessment and management, convening a number of landmark international forums on the subject, and in establishing a worldwide network of institutions and individuals working in this area. Policy options, guidance on best practices, methodological and training materials, decision making and management tools developed by the Program are used by many countries worldwide and by a range of international organizations. Dr Issakov has promoted and supported the establishment of national professional societies for healthcare engineering, technology assessment and management in many developing countries.

Currently, he is the Director of the Health Systems and Technology Consulting, a private firm based in Geneva, and the Executive Secretary of the Health Technology Task Group of the International Union of Physical and Engineering Sciences in Medicine (IUPESM-HTTG). He also serves as: Adviser to the Board of Directors of the Commission for the Advancement of Healthcare Technology Management in Asia (CAHTMA), the focal point and liaison for Eastern Europe, Commonwealth of Independent States, Low- and Middle-Income Countries, UN Agencies and NGOs for the Pan American Health Care Exchange (PAHCE), Senior Policy Adviser to the COMMED Group of Companies in Moscow, Russia, and at the Editorial Board of the International Journal of Technology Assessment in Health Care (IJTAHC).

Dr Issakov has been honoured with a number of national and international awards for his professional achievements. In 1981, he received the USSR All-Union State ("Lenin's Komsomol") Award for the Development of New Methods of Treatment in Paediatric Surgery. In 1995, he was awarded Honorary Life Membership of the African Federation for Technology in Healthcare; in 2007, Honorary Life Membership of the International Federation for Medical and Biological Engineering; and in 2009, Honorary Life Membership of the International Hospital Federation, for Exceptional Services and Outstanding Contributions rendered to these organizations. In 2009, he received the International Healthcare Technology Management Award from the American College of Clinical Engineering for Leadership in Promoting and Advancing Quality in Healthcare Delivery.

Dr Issakov is a member of several international professional societies: the American College of Clinical Engineering, American Society for Healthcare Engineering, Health Technology Assessment International, Association for Healthcare Technology and Management, International Engineering in Medicine and Biology Society, International Federation of Hospital Engineering, and International Society for Quality in Health Care. He has over 50 publications and papers presented at various international forums on a wide range of public health issues.

### **WATER AND HEALTH: WHERE SCIENCE MEETS POLICY**

*This conference is to be held October 25-26, 2010 at the University of North Carolina at Chapel Hill, NC, USA*

Sponsored by the Institute for the Environment and the Water Institute at UNC, it will deal with critical issues in water and health internationally and nationally. The conference offers a program of networking and learning events from October 23-24, prior to the main conference activities. It will also mark the public launch of the **Water Institute** at UNC, directed by Jamie Bartram, formerly of the World Health Organization. Prospective presenters may electronically submit a 300-500 word abstract through the symposium's website. Presenters will be notified by July 1, 2010, if their submission has been accepted. Accepted presenters may prepare a written paper to be published through the conference web site. Selected papers passing peer review will be channeled to peer review journal publication. For further conference information, to register, or to submit abstracts email [wh2010@unc.edu](mailto:wh2010@unc.edu), and visit [www.ie.unc.edu/content/news\\_events/symposia/2010](http://www.ie.unc.edu/content/news_events/symposia/2010).