



IFHE NEWSletter Issue 2017/1

May/June 2017

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Presidents' letter June 2017

Dear IFHE colleagues and friends,

It doesn't seem possible but It's already a year since the world-congress was held in The Hague Netherlands. Since then a lot has happened with IFHE.

A notable event was the European Congress at the end of May in Bologna Italy where I was honoured to be representing the International Federation of Hospital Engineering.

The Conference was very well organised and my congratulations go to the President Daniela Pedrini and her colleagues. Daniela Pedrini is also to be congratulated on becoming the first woman to become the president of IFHE-Europe. I wish Daniela good luck and look forward to cooperating with her improve both IFHE and IFHE EU.

Cooperation is indeed so very important, especially at congresses which is one of the most important goals and has the possibility to bring changes to IFHE as happened at the Conference in Italy and can also occur worldwide. I notice lately that this is more and more necessary.

As I said before; In April last year the World Congress took place in The Hague and it still gives me very good feelings looking back to that. We had, as well as the spectacular opening and dinner event in the Laumann car museum, a few special items such as the library and building awards. We also made some promises to improve the contributions of IFHE in Europe worldwide. You remember the theme... "Sharing knowledge for a better healthcare worldwide".

For our members or for students –who are interested in working in Healthcare as for example an Architect or Engineer, but also for those who are already working in healthcare, developing, building or maintaining the care and cure buildings we need.

We have different working-groups such as Environmental Policy, Safe Hospitals, Standardisation and Regulation, Social Media and PR, Sustainability and Educations.

What we saw was a very enthusiastic group of people, with members from different countries joining the working-groups but the reality shows us now that it is difficult to get everybody together, unfortunately sometimes we don't get a response at all.

That's why I kindly ask for your attention on this item, it's so important that the groups deliver the products they (we) promised so that IFHE can be publish them and share the knowledge with all our worldwide



membership and all those who are interested in it. We do need your help as without your contribution it will not be possible to make the IFHE groups a success.

The end of August we will explore this further during the Exco and Council meeting in Rio at the National Conference of Brazil. A very important question which we want to address is: What does the IFHE member expect from IFHE? How can we make this happen and what is necessary to realise it and what will be the contribution of our members? So I hope that every member country will attend Rio and send at least one Council member.

I would like to invite everybody who is able to and has the possibilities to join a working group. For example, the working group Education:

We will bring all educational possibilities, offers and studies together in one publication. All our members will easily see what is available, around the world and how to participate. In some countries there may be the possibility of scholarships. The IFHE European Council signed an intention for scaling up of a masterclass which already exist in the German language and now also in English for all our students and members, during the IFHE-Conference. This is an important step to show the benefits of IFHE.

Therefore, we need you to join in with the technical development, architecture, sustainability and safety in and around hospitals. There are so many opportunities to make IFHE better on the world map.

So I'm looking forward to meeting you all in Rio de Janeiro.

Douwe Kiestra President IFHE

The screenshot shows the Facebook profile of IFHE - International Federation of Hospital Engineering. The page header includes the Facebook logo, the group name, and search icons. The main content area features a large group photo of many people, a post by Gunnar Baekken mentioning the World Health Organization (WHO), and a World Health Organization infographic titled "VECTOR-BORNE DISEASES". The infographic states: "VECTORS MAY BE A THREAT TO YOU, AT HOME AND WHEN TRAVELLING. VECTORS ARE SMALL ORGANISMS THAT CARRY SERIOUS DISEASES. WITH JUST 1 BITE they can transmit diseases such as: Malaria, Dengue, Zika, Lyme disease, Yellow fever, Japanese encephalitis. TAKE SIMPLE MEASURES TO PROTECT YOURSELF AND YOUR FAMILY." The right sidebar lists members and contacts, including Lise Ervik, Tore Dagsvik, and others.



IFHE Digest 2018

Guidance for authors

The IFHE Digest 2018 will examine a wide range of topics covering the optimal running of healthcare facilities. Authors considering contributing an article should, in the first instance, email a synopsis, in English, of about 200 words to the editor at Step Communications (ifhe.editorial@stepcomms.com). The synopsis should be received no later than 26 May 2017. When the go-ahead for contributing has been given, the author must confirm that the article deadline, 11 August 2017 will be met. Confirmation should be sent to ifhe.editorial@stepcomms.com. The full article must be written in English with a length of between 1,500 and 2,500 words. Brand/company names should not be mentioned repeatedly. Article text should be typed using double line spacing with wide margins on each side of the page and with a space between each paragraph. The completed article, saved in a Microsoft Word document, should be sent to ifhe.editorial@stepcomms.com with relevant illustrations – these should be high-resolution jpeg images (minimum of 300 dpi and at least 75 mm wide) or contained within a Microsoft PowerPoint file. A biographical note, of about 100 words, for each author should be submitted together with a high-resolution photograph of each author. References must be listed in sequential order. If a published article is the subject of a reference, the surname and initials of each author must be included, along, as applicable, with the year of publication, the title of the article, the name of the publication (in full and italicised), the volume number, the part number (in brackets) and the page numbers. For example: Tennant R., Marsh P.L., Smitherson T.A. 2008 New approaches to hospital ventilation *International Journal of Hospital Ventilation* 19 (4) 145-148.

Contents –

Headings Acoustics / noise reduction Architecture / building design Building management systems Catering (equipment and services) Construction (including modular build) Decontamination Emergency strategies Energy (management, efficiency, power generation, 'green' technologies, reduction of emissions) Facilities management (reflecting latest trends) Fire safety Indoor air quality Infection control / isolation facilities Information technology Lighting Maintenance Medical gases Operating theatres (design and maintenance) Patient communication / entertainment Radiology (implications of technology advances for facilities) Security Storage (optimising and new approaches) Sustainability Training Ventilation Washrooms Waste handling and streaming Water systems Wayfinding



Working Group Reports

Working group 3 Report **Publications**

The Digest for 2017 was published on time and so far has received positive comments.

An editorial panel has been appointed for the 2018 issue. Despite all member organisations being circulated on more than one occasion no articles have been received. I attach a copy of the Authors note and subject list and hope there are budding contributors out there who will supply an article for the 2018 Digest. Without this publication the organisation stands to lose an important income and more importantly knowledge and information will not be shared around the world.

The IFHE Library has now been updated with articles from various sources and these are now available to view in the Library section of IFHE website www.ifhe.info

Working Group 7 Report **Standing Orders and Statutes**

Updates to the Standing Orders have now been agreed by the Working Group and will be discussed by the Exco at its next meeting prior to being recommended to Council at its next meeting in Brazil. The amendments now take on board those areas which members felt needed more explanation and clarification.

IFHE Rio 2017 will have an International Seminar and 15 speakers are already confirmed

The event hosted every two years by the International Federation of Hospital Engineering (IFHE) will have the Brazilian face in 2017. Brazil was chosen as the country that will host the IFHE meeting and also an International Seminar and workshops for which speakers from eight countries have already confirmed their presence. The date is already set and will be between August 27 and September 1 at the Rio Othon Palace hotel in Copacabana, Rio de Janeiro (RJ).

With the main theme "Safety for Patients in Healthcare Professionals in the Hospital Environment", the Seminar being organized by the Brazilian Association for the Development of the Hospital Building (ABDEH) will count on the knowledge of the architect Ana Milena Zapata, who has already advanced That his speech will be based on the "Healthcare Building" program of the Pan American Health Organization, which provides for the continuation of services and guarantees the infrastructure of health institutions after large natural phenomena such as storms, earthquakes and the like.

The architect graduated from San Buenaventura University in 1998 is also a specialist in Management and Marketing from La Gran Colombia University (2002). Ana Milena is also Occupational Health and Hygiene Specialist at the University of Quindio (2012). In addition, it acts as an evaluator of Colombia in PAHO / WHO for the Hospital Safety Index "*Hospital Seguro*" (Safe Hospital).



Graduate and postgraduate university professor is the leader of hospital reconstruction in Armenia (Colombia) in the earthquake of 1999. Member of the IFHE Council at the 2016 World Congress, the Netherlands also has professional experience in hospital consulting, design, construction and supervision. The other confirmed speaker is Brazilian. Salim Lamha Neto. Industrial Engineer from the Faculty of Industrial Engineering (FEI). He is also a member of the Brazilian Academy of Hospital Administration, as well as a founding member, former president and member of the Advisory Board of ABDEH.



Salim is also a founding partner of MHA Engineering Company, founded in 1975. Scientific coordinator and member of the board at the Brazilian Congress of Hospital Administration and Health Management, in the areas of Hospital Engineering, Architecture and Hospitality.

In addition to Salim, Brazilians Marcos Kahn and Rodrigo Sambaquy are also two confirmed speakers for the seminar. Kahn is an electrical engineer with postgraduate work safety. Specialist in fire safety engineering. Consultant and designer of large hospitals, laboratories and renowned national and multinational companies. Author of the 'Manual of Fire Safety in Health Care Establishments' of PAHO / ANVISA (2014). Technical Director of KB Engenharia. Member of the National Fire Protection Association (NFPA) Health Care Section since 1998. Member of several ABNT standardization committees. He is also a founding member and lecturer of ABDEH - Brazilian Association for the Development of the Hospital Building.

Rodrigo Sambaquy is an architect and Urbanist, graduated from Santa Úrsula University, Rio de Janeiro. Founder and Partner of RAF Arquitetura, Rio de Janeiro. Responsible for the Department of Interior Design acting as architect and consultant in several projects for health buildings. Participant as lecturer in congresses and seminars in Rio de Janeiro and São Paulo. Invited as a lecturer in MBA courses focusing on health care. In order to enrich the International Seminar and the workshops other international names also have confirmed presence. They are Canadian Steve Rees, Japanese Yasushi Nagasawa, Argentine Javier Sartorio, Chilean Sergio Julian, Australian Darryl Pitcher and American Walt Vernon.

Steve Rees is the Senior Director of the Capital Management Program for Alberta Health Services (AHS), the only health authority in the province of Alberta in western Canada. It manages more than 4.7 million square meters of owned and rented space, including 130 public acute care hospitals. Administrator in Facilities Certification, holds three degrees in Commerce and a degree in Construction Management from



the University of Alberta. He has worked in health facility management for the past 38 years and is a past president of the Canadian Healthcare Engineering Society. Steve lives in Edmonton, Alberta, Canada.

Yasushi Nagasawa is PHD in Engineering and Emeritus Professor at the University of Tokyo and the University of Kogakuin. Former Honorable President / Member of IFHE, Honorable Former President / Member of JIHA, Honorable Vice President / Member of HEAJ. Vice President / Board Member of JAHMC. Researcher at the National Institute of Hospital Administration (NIHA), Minister of Health and Welfare, Japan. Postgraduate in Health Facilities Planning (MARU), London, UK. Consultant for WHO. AIJ Award (Architectural Institute of Japan).

Javier Sartorio is an architect graduated from the University of Buenos Aires, he is postgraduate in Bioclimatic Design and Solar Architecture. In addition, he is a member of the "Habitat y Energía Research Center" and a professor at the same university. Sartorio is also a partner of Aharado-Font-Sartorio, an office specializing in Hospital Architecture. The lecturer also works as a consultant in bioclimatic design, energy efficiency and sustainable architecture, as well as being a researcher with scholarships in Spain and Candá.

Sergio Julian is an electrical engineer at the University of Barcelona and a business administrator at the Open University of Catalonia (UOC). He is also a graduate in business administration at the Open University of Catalonia (UOC). Julian works for Bender GmbH & Co.KG as Latin America Manager and Managing Director of the subsidiary in South America. He is also an advisor for normative electrotechnical committees in Peru, Colombia, Chile and Argentina.

Darryl Pitcher is an expert in Electrical Engineering and Management for public and private health organizations in Australia. In addition, he is the Chief Executive of long-term care of retired seniors. Pitcher has also worked for the Engineering and Construction Service of Royal Adelaide Hospital and with a number of multinational organizations in Australia, Europe and Asia. The speaker is Executive Member of the IHEA in Australia and Vice President of the IFHE 2016-2018.

Walt Vernon is the founder and leader of the Sextant nonprofit organization for sustainable projects. Co-author of the upcoming WHO book, Health in the Green Economy: a prescription for the Global Health Sector. He is also a health standards developer for IEEE, ASHRAE, NFPA, FGI and ASHE and a board member of FGI, as well as Lawrence Berkeley National Labs advisor to the US-India Engineering Alliance.

In addition to the professionals mentioned, Japanese Akihiro Kondo, Italian Marcello Fiorenza, Chilean Alvaro Prieto Lindholm, Dutch Douwe Kiestra and Spanish Luis Gonzalez Sterling, also confirmed their presence at IFHE Rio 2017.

Japanese Akihiro Kondo is an architect graduated from Tokyo University of Science and a postgraduate degree in Engineering from the Department of Architecture School of Engineering, Tokyo University of Science. He is the General Manager of the Design Section and Deputy Director of the Architectural Design Department of NIKKEN SEKKEI Architects & Engineers. Member of JIHA (Japan Institute of Healthcare Architecture). In addition, he is an architect of the APEC (Central Council of Architects) and has received several awards around the world in recognition of his work.



Marcello Fiorenza is an engineer and master in Mechanical Engineering from the Università di Roma "La Sapienza" and was Technical Director and administrator of the Technical Division of the local health authority of Rieti, Italy (1993 to 2015); Professor at the Università di Roma, presided over the conference "Technology and Sanitation" (from 1998 to 2014) in Rieti; In addition, he is a founding member and scientific secretary of Società Italiana dell'Architettura and dell'Ingegneria per la Sanità (SIAIS) and IFHE-UE Vice-President.

The Chilean Alvaro Prieto Lindholm is an architect and also a master in Architecture at PUCCH 2004. Álvaro is a specialist in the hospital building. Since 1969 he has been in charge of important projects in several Chilean hospitals, both public and private. In addition, it provides services in architecture consulting offices in Uruguay and Costa Rica.

Dutch engineer Douwe Kiestra is actual President of the Dutch Association for Technical Professionals in the Health Sector (NVTG) and also President of the International Federation of Hospital Engineering (IFHE).

And from Spain Luis Gonzalez Sterling is director of architecture with 38 years of experience, specializing in designing Hospital & Architecture. Team manager in project design and project manager at more than 15 hospitals and 18 new plant renovations and enlargement in Spain.

Learn more about the event

The event, which will take place from August 27 to September 1 at the Rio Othon Palace Hotel in Copacabana, Rio de Janeiro (RJ), will host the IFHE Executive Committee Meeting on August 27 and 28, Meeting of the IFHE Council and the International Seminar and workshops for the 29th and 30th of August. The days August 31, September 1 are reserved for technical and cultural visits in Rio de Janeiro. "The holding of the IFHE 2017 International Seminar in Rio de Janeiro is an important milestone in the history of our association. As a result of the growing participation and representativeness of ABDEH in the international scenario. We believe that, especially in this complicated time that passes our planet, with the (re) construction of walls, events like this International Seminar become even more essential, for providing the necessary Exchange and socialization of fundamental knowledge for human development," says the architect Marcio Nascimento de Oliveira, President of ABDEH.

"The city of Rio de Janeiro will have the opportunity to promote the most important international event to discuss aspects related to the architecture and engineering of buildings for health. In this same period, there will also be a meeting of the associations of architecture and hospital engineering of all the continents. More than 50 countries from all five continents and their respective representations will discuss the future of buildings and environments for health services" says architect Fábio Bitencourt, President of IFHE RIO 2017.

Registration and more information can be obtained through the website:

<http://www.ifherio2017.com/index.php>



The IFHE

The International Federation of Hospital Engineering (IFHE) is a worldwide body whose members are the national associations of hospital engineering and architecture and aims to promote the safe, efficient, effective and environmentally sustainable design, design and management of buildings and facilities for services of health.

IFHE EU MEETING BOLOGNA

SIAIS (Italian Society of Architecture and Engineering for Healthcare) association of Italian Hospital Engineering is proud to organize the 7th Congress of IFHE-EU, the bi-annual conference of IFHE Europe, the European branch of the International Federation of Hospital Engineering (IFHE).

Year 2017 congress will be held in Bologna Italy 29th to 31st of May as an international congress together with an annual national congress of the Association of Italian Hospital Engineering (SIAIS).

The topics under discussion constitute a cross-section of the most important technical and infrastructural problem issues that hospitals face: energy saving and energy efficiency improvement, planning and design optimization, architecture and landscape, maintenance and safety in hospital sharing experiences, ICT improvement and innovation, European regulations and responsibilities, sustainable development, hospital hygiene, Health Technology Assessment amongst others.

The conference focuses on comparing information on best practice and exchanging experiences in order to encourage innovation, benchmarking and the creation of common European standards

The target audience of the IFHE-Europe encompasses executives in the healthcare industry, management, development, heads of medical technology departments, construction, safety, IT, energy, building services engineering and hygiene from companies, hospitals, universities and institutes.

The Program: www.ifhe-eu2017.com

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IFHE AND 'A' NATIONAL MEMBERS' WEBSITES

Members are requested to keep IFHE informed about changes in contact details and website addresses.

Please look www.ifhe.info

World map.

Your sincerely

Gunnar Baekken / IFHE General Secretary