



IFHE NEWSletter Issue 2014/2 Summer 2014

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Presidents Column – Summer 2014



Dear Friends and colleagues.

On the calendar we see that the dates for the next international congress in Buenos Aires is coming very close. I hope that every national organization connected to IFHE will use this excellent opportunity to visit a well organized congress with updated topics and exhibition and meet mutual friends in beautiful Buenos Aires.

We have seen that my New Years wishes for the future haven't come through. The civil war in Syria is still going on with indiscriminate killing of innocent people. We watch the tense situation in Ukraine and I hope that the tension will diminish soon when a new president is elected. I hope that the idea of bringing people together and get friends across borders will one day bring some results of for example, better understanding, friendship, open minded, knowledge and less tension between groups of people.

The EXCO has been working hard to try to bring ASHE (USA) back to the IFHE family. We haven't succeeded in our efforts, but we hope to have another health care organization as IFHE member before we meet in Argentina. Thank you Gunnar and Steve R. We have seen a little setback in IFHE-relations in Korea, China and Israel, but now it seem to have come new boards in their national organizations. This is good news. IAHE of Israel has been very active this last months and I like that.

We have felt a great interest from a Pakistani organization to become the newest member of IFHE. Application will be considered in Council. In Buenos Aires we will also have to decide which national organization will get the opportunity to host the 25th IFHE Congress in 2018. The limit for applications is running out. We must also think of a venue for EXCO- and Council-meeting in 2017.

I also look forward to hear about what we as hospital and health care workers can contribute on the environmental field.

We will discuss a draft for a five year plan for IFHE and have some ideas about a media plan

Education.

IFHE and national organizations will have to outline the steps we have to take to develop the next generation of health care facility professionals.

We should be in front of making college programs, professional development and succession planning. I believe this will be widely recognized and therefore attract young people to the field of health care facility management.

Education is a key to face the challenges ahead.



Our relation to WHO seems to be very good. Our liaison officer has been very active and developed this good relations to WHO as a NGO.

Paul has also attended a conference in Pretoria on behalf of IFHE, a meeting concerning International Red Cross and its work.

I am informed that Adriana V. Berumen (DTO) will attend our Council Meeting in Buenos Aires. We may then hear what challenges in WHO we as organization can help to find solutions for. What can we as organization or individuals do?

Thank you Paul.

Our cooperation with Health Estate Journal is also good. The editor will like to have more articles on hospital and health care development from every organization.

IFHE has a lot of expertise to disseminate around the globe.

Andy is carrying the heavy load of collecting articles for the IFHE Digest 2015.

Grab your pen/ PC/ pad and start writing articles. Every subject in our field is of common interest.

I wish you all the best for the coming season.

See you soon.

Your sincerely

Ole Rist

President IFHE

The mountains near
Stokmarknes, Norway. Taken
on a trip with MS Midnattsol,
part of the program of the
annual meeting of the
Norwegian association FSTL.
May 2014





IFHE has tried the first exco meeting with GoToMeeting with great success. What is GoToMeeting:

Technology

GoToMeeting is designed to broadcast the desktop view of a [host computer](#) to a group of computers connected to the host through the Internet. Transmissions are protected with high-security [encryption](#) and optional [passwords](#). By combining a web-hosted subscription service with software installed on the host computer, transmissions can be passed through highly restrictive [firewalls](#).^[1]

History

GoToMeeting was developed in July 2004 by the Online Services division of Citrix in [Santa Barbara, California](#), using the remote access and screen sharing technology from [GoToMyPC](#) and [GoToAssist](#) to allow web conferencing. The later release of GoToWebinar in 2006 and [GoToTraining](#) in 2010 expanded GoToMeeting capabilities to accommodate larger audiences.

Editions and features

GoToMeeting is sold in two editions. Single-user accounts, originally called GoToMeeting Personal, first launched with desktop sharing, chat and integrated audio conferencing. Multi-user accounts, previously GoToMeeting Corporate, also included management and central administration services for teams and enterprise users. Later versions added support for VoIP, session recording, and annotation tools to both editions. GoToMeeting features^[3] now include:

- Mobile apps for [iPad](#), [iPhone](#) and [Android](#) devices
- End-to-end encryption and [authentication](#) security provided by a [Secure Sockets Layer](#) (SSL) Web site with end-to-end 128-bit [Advanced Encryption Standard](#) (AES) encryption and optional passwords
- Specific application sharing for showing only selected programs with attendees
- Multi-[monitor](#) support for a client PC
- Meeting recording and playback for recording and saving meetings to a user desktop for later review
- Total audio package provides toll based phone or conferencing via [VoIP](#).
- GoToMeeting hosts up to 25 users and one organizer while GoToMeeting Corporate offers up to 100 users with multiple organizer option.

GoToMeeting with HDFaces

In 2011, Citrix released GoToMeeting with HDFaces, adding high-definition video conferencing support to the web conferencing service. Six users can show their webcam streams at a time.

Awards 2012 Edison Award for Best Media/Visual Communication

- 2012 Internet Telephony Product of the Year
- 2011 About.com Reader's Choice for Best Web Conferencing Solution

Presidents meeting in Portsmouth





Report IFHE-WHO

Global Forum Medical Devices (Geneva 22-24 November)

On behalf of IFHE , I had a presentation on Saturday . All presentations in the total global forum were maximum 10 minutes- so I had to tell a story of 45 minutes in 10 minutes, but it was good. After that I was involved in a panel discussion together with 4 other speakers. My presentation was about energy in

Healthcare , another speaker explained a renovation of a neonatal room with good insulation and good walls in order to get an acceptable temperature inside (Nigeria), another presentation was about new refrigerators for medical drugs Tunesia, and the last presentation was about a concept and accreditation of a sterilization department in Cape Town South Africa.

We had a panel discussion about infrastructure and energy.

About energy, a WHO collaborator asks to read a document (200 pages) about the energy concepts (in developed and also in low resource countries.) and also to give some ideas and experiences for this document.

This session ' Infrastructure' started at 10.30 u. and finished at 12.30 u.

I asked Adriana to send the 'collaboration document' IFHE-WHO -UIA-IFBME-IFH about the project (infrastructure) we will start up via web.

I also asked info about PAHO (Pan American Health Organization) (on demand of Mme Liliana Font

Argentina). PAHO is a stand alone organization but is also a ' regional office of WHO. PAHO started up in 1902 and WHO was " born" in 1948. They have more or less the same programs and there is no ' competition' between both organizations. About the WHO- 4 NGO's collaboration, PAHO will be also involved .

There was also a session about ' the biomedical engineer' : education, job description, responsibilities.

There was also a session about new technologies special for low resource countries (apparatus special designed f.i. different tests of blood parameters in one small apparatus , easy and simple X-ray (digital) without chemical developing, low cost " medical imaging system " without X-rays (detector in IR spectrum) also usable in disaster area's and war zones,

Good to see that IFHE is mentioned in the invitation folders and in the document with the content of the meetings.

So IFHE is in the running !

Paul Merlevede
Liaison IFHE-WHO

HEALTHCARE INFRASTRUCTURE : designing and realizing

In collaboration with WHO, UIA , IFH, IFMBE

From IFHE point of view, we can offer knowledge about:



Geographical implementation, building technology, technical infrastructures, finishing all kind of rooms (like floors, painting,...) , maintenance (technical, cleaning,...) and last but not least the implementation of safety starting from design realizing and exploitation.

1. Geographical location :water, road infrastructure, electricity, staff in the neighbourhood, risk area, quality soil, ..
2. Building: concept and materials,
way of construction,
low energy and sustainable(roof, walls, floor, orientation, insulation
see energy documents IFHE
website, IFHE-EU
safety during and after construction period
functionalities :-space technical installations

-safety and building requirements special rooms (OT, IC, recovery, neonatal ,...)

Implementation different departments

- Medical technical departments
- Kitchen
- Laboratories
- Waste
- Logistics
- Transport systems

Access: - general access, emergency, staff, logistics, fire brigade,...

Parking: -visitors, staff, emergency, logistics, temporally (short stay)...

Other implementations: - underground: drains for waste water,tubing for fire, communication,

high tension electricity, natural gas, medical gasses,

Station medical gasses with tanks : safe place !!

Energy implementation : like geothermal energy...

3. Technical installations

Energy : electricity :

general concept , own production versus buying, internal distribution of electricity (HT rooms + equipment + transformers..., LT distribution and safety,...)

heating stations and cooling stations:

general concept, equipment, technical requirements,...

geothermal energy:

heat power solutions, bore hole energy, ground tubes,...

PV cells (electricity production) and warm water cells

Medical gasses:

General concept , distribution from central station outside to building, distribution in the building, equipment, safety of gas

Communication :

General concept intranet and internet(data) for staff and patient, nurse call(equipment, cabling) , telephone call systems, , "tubes post" systems (



tubing sending documents , blood samples,...), automatic building control systems for air-conditioning/ventilation, temperatures rooms, lightning, medical gasses, all kind of critical points,..

Technical design for special rooms:

OT, IC, Recovery, neonatal department, delivery rooms, IVF rooms,....

Technical design and requirements about: air-conditioning/ventilation, air quality, electrical safety and special legislations, communication, medical equipment (OT tables, suspending tools,...), energy supply

Water distribution:

General concept (own production, distribution via town or village or private company) , water treatment, water safety, (legionella, bacterial, chemical,...), distribution cold and warm water (insulation, kind of tubing, equipment lavabo/toilets/bathrooms/valves/sink faucets...), warm water heating station, special waters (distilled, extra purified water for laboratory, IVF rooms,...)

Waste water

General concept , tubing, treating waste water where necessary, contaminated waste water, environment legislations,...

All this kind of topics and requirements can be done for "safe hospitals"(as safe as possible). It is good and necessary to think in terms of low running costs, sustainable buildings and installations. We really have to take account of the "green hospital" concepts. IFHE has not only all kind of engineers but IFHE also have architects (with 'hospital experience') and some representatives working for governments . So we can offer various information in collaboration with WHO, UIA and IHF , IFMBE.

Paul Merlevede

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Summary from SSTY's annual meeting , Helsinki 11.-12.February 2014

Place Finlandia House, Helsinki

Present: Members of the Finnish association of Hospital engineers, SSTY, about 500 persons

The general secretary of IFHE, Gunnar Baekken, the chairman of FSTL, Vidar Smalaas and me as president of IFHE were invited to the annual meeting in SSTY, the Finnish association of hospital engineers, in Helsinki, 11-13 February 2014.

Gunnar didn't have the possibility to go and Vidar and I went to Helsinki as SSTY's guests.

We met the board of SSTY the first evening for a get together dinner.

It was a nice event with some new persons and made new relations.

The conference started with an opening speech from the president of SSTY, Juha Rantasalo. He wished us as guests very welcome.

The lectures was all in Finnish and we as Norwegians went to the Exhibition.

A huge exhibition with 74 companies attending.

Mostly Finnish companies, but also international ones and a handful of Norwegian firms.

Very interesting and always something to learn.

I had an interesting meeting with Finnish representatives from SWECO, a well known Swedish Consulting company. They informed me about the plans for a brand new children's hospital in Helsinki. They were very interested to make contacts with persons who might know about how to measure quality of a hospital. Their vision is to make a hospital in world class.

The evening function was very well organized with nice food and wine, some speeches and Vidar and me got the opportunity to congratulate SSTY with a successful conference and brought our greetings to SSTY from IFHE and FSTL.

A Finnish well known singer/songwriter made an exciting performance.

We are delighted to be invited to such an event and we invited the SSTY to Norway and Stokmarknes for the Norwegian annual meeting 5- 7 May 2014.

Juha Rantasalo reminded us about the IFHE-EU conference combined with IFHE EXCO and Council meeting in Turku, June 2 – 3 2015.

Ole Rist

President IFHE



Please join IFHE on Facebook www.facebook.com/groups/The IFHE

EVENTS CALENDAR

Please look IFHE webpage for updated information www.ifhe.info

EVENTS CALENDAR

IFHE members are invited to submit information regarding forthcoming events for publication on www.ifhe.info

2014

- 5.-7-May FSTL Mail Conference. Stokmarknes, Norway
 September **WGKT Technik im Krankenhaus TK 2014** . Hannover , Germany www.wgkt.de
 28-30 September **CHES 34th Annual Conference**. Saint John Trade & Convention Centre, Saint John , New Brunswick, Canada.
 27-29 August **ABDEH 2014 VI Congresso**, Florianópolis, Santa Catarina, Brasil www.abdeh.org.br
 11 October **IFHE Executive Committee meeting 39** Buenos Aires, Argentina
 12 October **IFHE Council meeting 47** Buenos Aires, Argentina
 13-16 October **IFHE 23rd Congress** organized by AADAIH at UCA University Av Alicia Moreau de Justo 1300 Buenos Aires, Argentina. "Healthcare Facilities in times of Radical Changes"
 02-04 November **FSTL Hostmote**, Rica Nidelven Hotel, Trondheim

2015

- 2.June **IFHE IFHE Executive Committee meeting 40**
 3.June **IFHE Council meeting 48** together with IFHE-EU in Finland.

2016

- 16 April **IFHE Executive Committee meeting 41**, Rijksmuseum, Amsterdam, Netherlands
 17 April **IFHE Council meeting 49** Rijksmuseum, Amsterdam, Netherlands
 18-20 April **IFHE 24th Congress** organised by NVTG at the World Forum, The Hague, Netherlands.
 "Healthcare Engineering creating effective and efficient care world-wide".

IFHE AND 'A' NATIONAL MEMBERS' WEBSITES

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

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| A001 IHEEM UK www.iheem.org.uk | A002 FENATO Italy www.usppi.info |
| A003 IHF France www.ihf.fr | A006 NVTG Netherlands www.nvtg.nl |
| A007 ASHE USA www.ashe.org | A008 NZIHE New Zealand www.nzihe.org.nz |
| A009 IHEA Australia www.ihea.org.au | A010 SAFHE South Africa www.safhe.co.za |
| A012 VTDV Belgium www.VTDV.be | A013 AEIH Spain www.aeih.org |
| A014 IHS Switzerland www.ihs.ch | A015 FSTA Denmark www.fsta.dk |
| A017 WGKT Germany www.wgkt.de | A018 CHES Canada www.ches.org |
| A020 HEAJ Japan www.heaj.org | A024 FKT Germany www.fkt.de |
| A025 AADAIH Argentina www.aadaih.com.ar | A028 FSTL Norway www.fstl.org |
| A032 SUAIH Uruguay www.suaih.com.uy | A033 UNAMHE Uganda www.unamhe.org |
| A035 ABDEH Brasil www.abdeh.org.br | A038 AFHE Finland www.ssty.fi |
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"Healthcare Engineering creating effective and efficient care world-wide".

Your sincerely
 Gunnar Baekken
 IFHE General Secretary