



UIA / International Union of Architects / Public Health Group - Newsletter # 183PHG

June 18, 2013



ANNOUNCING THE 33RD ANNUAL MEETING

The UIA/PHG(International Union of Architects Public Health Group) www.uia-phg.org

in collaboration with

GUPHA (Global University Programs in Healthcare Architecture)

and

IIDEXCanada 2013 <http://www.iidexcanada.com/uia-phg-healthcareforum/>

Toronto, Canada

September 24 – 28, 2013

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1. Notes of Appreciation

Ms. Rinske Jansen



First on behalf of all the members of the UIA / PHG we wish to express our sincere and deepest appreciation to Rinske Jansen for all her hard work for many, many years. Rinske Jansen has decided to retire. Please join me in thanking her and expressing our deepest appreciation to her for all she has accomplished and contributed to our UIA / PHG. Rinske, we wish you the very best and you are always welcome to join our meetings!! Thank you so much.



We would like to welcome Ms. Judy Pruitt who will be assisting with the UIA / PHG communications, newsletters, and the web site. Ms. Pruitt is presently the Administrative Assistant of the CHSD - Center for Health Systems & Design at the College of Architecture at Texas A&M University. She has been in that position for 8 years. Ms. Pruitt can be reached at 979.845.7009 or jpruitt@tamu.edu

Please join us in a very warm welcome to Judy Pruitt for taking on these additional responsibilities.

Professor Romano Del Nord, Francesca Nesi and TESIS Staff, at the University of Florence, Italy



Romano Del Nord
Director of TESIS Inter- University Research Center
University of Florence
Centro Interuniversitario TESIS
"Sistemi e Tecnologie per le Strutture Sanitarie"
Via San Niccolò, 93 - 50125 Firenze

Our sincere thanks and deepest appreciation to Professor Romano Del Nord both for undertaking a very difficult time consuming task of editing and publishing the proceedings of the 2012 Oslo, Norway UIA PHG 32nd International Seminar on Public Healthcare Facilities:

Please see note below from Professor Romano Del Nord for how to order and obtain a copy of the Proceedings:

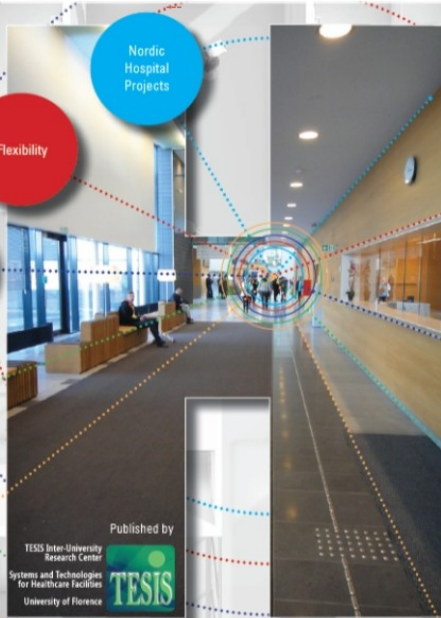
Dear Colleagues, I am pleased to announce that the volume of the Conference Proceedings UIA/PHG of Oslo 2012 has been printed. You can buy and pick up a copy at the next conference of the UIA / PHG of Toronto Sept. 26 + 27, 2013. If you are interested, preorder your volume to this address tesis-taed@unifi.it. (In this case do not make the same request to IIDEX). In the attachment you can find the details of the book. I look forward to hearing from you soon.

Hospital Planning and Building

New ideas in hospital planning and building
flexibility, quality and energy efficiency

32nd UIA- PHG *International Seminar on Public Healthcare Facilities
Oslo Congress Centre, Norway 22 – 24 March 2012
Proceedings
edited by Romano Del Nord

A joint venture between
Norwegian Hospital and Health Service Association (NSH)
Architects Forum for Healthcare Building
and
UIA/PHG International Union of Architects / Public Health Group



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Public Health Group

Published by
TESIS Inter-University Research Center
Systems and Technologies
for Healthcare Facilities
University of Florence

Paperback: 224 pages; in colour illustrations

Dimensions (in cm): 17x24

Language: English

Publisher: TESIS (Florence, Italy), 1st edition (June 2013)

ISBN 978-88-907872-1-8

Price: 45 CAN\$ + tax (special price for GUPHAIUIA/PHG/IIDEX Canada 2013 Participants)

The international debate on the critical factors that result in an increasingly complex approach to the design of hospital facilities aimed at meeting the inevitable objectives of social, economic and environmental sustainability mainly focuses on the topics of flexibility, humanization, the right economic investment, integration between the hospital macro-functions, managerial efficiency, technological and biomedical innovation, the relationship with the city as well as ways of achieving greater economies.

For each of these themes attitudes and interpretations are encountered that do not always converge but that certainly stimulate reflection on the decision-making choices that complexify the task of the hospital designers.

The UIA/PHG - International Union of Architects/Public Health Group seminars, as previously scheduled on an annual basis, associate the discussion of current topics with the comparison between contributions from operational experience in the field which can provide extremely profitable insights to guide the future decision-making actions of the various categories of operators concerned in the world of healthcare.

The numerous and diverse Proceedings produced to date represent an extremely useful source of information not only to document the evolution of the principles and methods used to design the works but also to understand the level of importance attributed to the issues that most frequently drive the members of the PHG to address their resolution.

The issues most frequently explored include those related to the impact produced by innovations on the tools and techniques to produce quality designs, the methods for encouraging interaction between those who make the decisions and the new methods of treatment made possible by the biomedical resources.

This volume is divided into five chapters that reflect the sequence of sessions of the PHG conference held in Oslo on 22-24 March 2012. The authors, experts in healthcare planning and design at international level, discussed the dominant topics of the current scientific debate, providing critical contributions and knowledge about: Nordic Hospital Projects, Flexibility, International Hospital Projects, Innovative Technologies, and Hospital Planning Evaluations.

Geoff Abbott, South Africa



Planning the Aug 1-10 2014 - 34th Annual UIA/PHG Annual Meeting in Conjunction with the 2014 World Congress of the UIA

Our sincere thanks and appreciation go out to Geoff Abbott, Official representative from South Africa, and Peta de Jager for flying all the way from Pretoria to Durban to meet representatives from UIA in Paris, to plan for the 2014 World Congress of the UIA.

We are planning to hold our 34th Annual meeting of the UIA / PHG in conjunction with the UIA World Congress in Durban. Details are now being worked out.



August 1- 10th, 2014 Durban, South Africa
uia2014durban.org

UIA Congress
Aug 8 -10, 2014

UIA General Assembly
August 3-7, 2014

2. Welcome of New Members

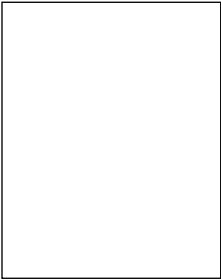
Please join us in welcoming the following new members to the UIA / PHG:



Hungary

Dr. Zsolt István Kiss

Chief architect of A.S.C. Studio Co. LTD
Leader of Public Health Group of
Hungary Association of Hungarian
Architects Official member of UIA PHG
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Shireen Kanakri

Registered Architect in Jordan,
Representative of Jordan in UIA / PHG
Ph.D. Candidate
Center for Health System & Design, Department of Architecture
College of Architecture,
Texas A&M University, College Station, Texas 77843
archsheren@yahoo.com

3. Executive Committee (appointments still being made)

The following members, all official members of their respective countries, have agreed to serve as members of the Executive Committee:



Mr. Geoffrey Abbot
Executive member, South Africa



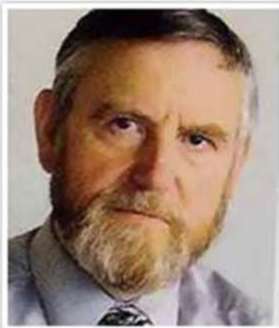
Dr. Jasmin A. Begum, Me...
Executive member, Bangladesh



Mr. Knut Bergslund
Executive member, Norway



Ms. Astrid Maria Debuchy
Executive member, Argentina



Mr. Hans Eggen
Executive member, Switzerland



Mr. Martin Fiset
Executive member, Canada



Mr. Roelof Hendrik Gorte...
Executive member, Netherlands



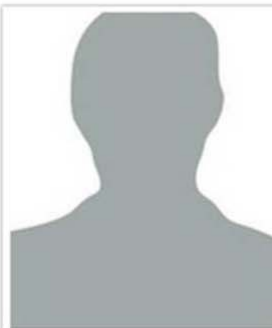
Dr. Xiqiu Huang
Executive member, China



Mr. Warren Kerr
Executive member, Australia



Mr. Henning Lensch
Co-Executive member, Germany



Ms. Prosperidad Luis
Executive member, Philippines



Prof. George J. Mann, AIA
Executive Member, United States



Dr. Macharia Warungi,
Executive Member, Medical Advi...



Dr. Yasushi Nagasawa, JIA
Executive member, Japan



Prof. Romano Del Nord
Executive member, Italy



Dr. Peter R. Pawlik
Co-Executive member, Germany



Dr. Ruzica Bozovic Stamenovic
Executive member, Serbia



Dr. Zeyad Al Swaidan
Executive member, Saudi Arabia



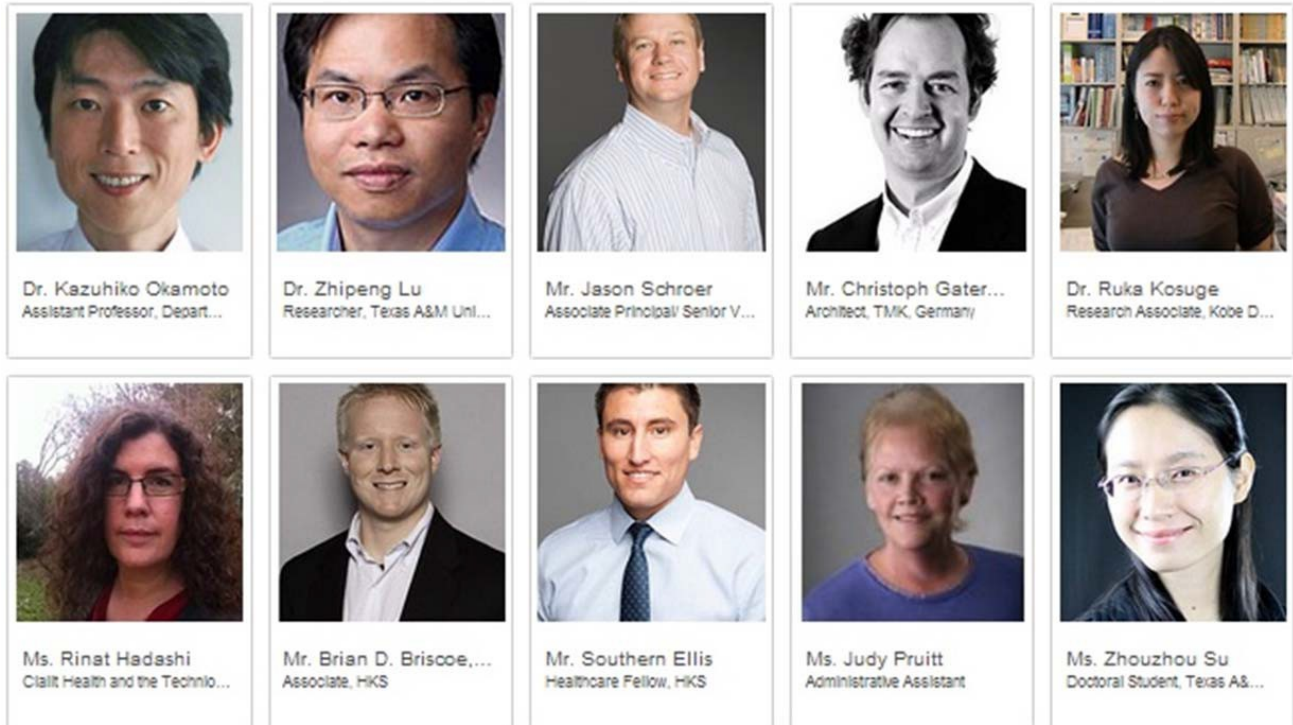
Prof. Fani Vavili-Tsinika
Executive member, Greece



Ms. Janice Axon
Honorary Secretary

4. Young Leaders

We have generated a new category - Young Leaders to insure the future of the UIA- PHG. Of course we are open to further more nominations and suggestions.



5. New Web Site www.uia-phg.org

Zhou Zhou Su, Brian Briscoe, Southern Ellis, Zhipeng Lu and Judy Pruitt have been constructing a new web site, at www.uia-phg.org. This will be a new web site address. Please visit that web page and let us know if you have any edits. Also our goal is to now have a hi resolution portrait photo on the web site of ALL our members. Please email that portrait photo and a 160 word bio as soon as possible to Zhou Zhou Su, my assistant and I: ZhouZhouSu@gmail.com and mangj1@yahoo.com

Please also email any edits as well as names of anyone that we have omitted as soon as possible.

6. Liaisons

We have just begun to initiate a new category - liaisons with various related organizations. We will be asking the members who have agreed to take on this responsibility to report to all the members their findings. We have asked that these reports be circulated a month before each annual meeting. In 2013, that translates to mid August 2013. Our first priority will be liaisons to each of the WHO regions.



Knut Bergsland,
Liaison to the W.H.O. European Regional Office
Copenhagen, Denmark



Astrid Maria Debuchy,
Liaison to P.A.H.O - Pan American Health Organization
(Regional Office of W.H.O.)
Washington, D.C., USA

*Picture not
available*

Prosperidad Luis,
Liaison to the W.H.O. Western Regional Pacific Office
Manila, The Phillipines.

7."Report on our Hospital Planning and Building Conference - Oslo, March 2012"

Dr. Zsolt István Kiss, our new Member from Hungary took the initiative to write a summary of the 2012 Oslo conference, published in a Hungarian Journal and then translated it into English.

Thank you Dr. Kiss!!

"A Report on our Hospital Planning and Building Conference - Oslo, March 2012"



Norwegian Hospital and Health Service Association, NSH **organized Hospital Planning and Building Conference** with a subtitle 'New ideas in hospital planning and building– flexibility, quality and energy efficiency' at Oslo Congress Centre between March 22nd and 24th. The conference was a joint venture between NHHA, Architect's Forum for Health Care Building and UIA Public Health Group. I participated in the outstanding event as the leader of Public Health Group of the Association of Hungarian Architects, and it is my pleasure to share the following review of the excellent lectures and hospital visits with you.

Lectures

On Thursday, March 22nd the lectures were about hospital projects from Northern Europe: about the qualities and tendencies regarding these projects, the new hospital in Gødstrup – Denmark, Karolinska Hospital – Solna, Sweden and Triangle hospital, Helsinki. The afternoon program involved flexibility in hospitals: we listened to informative lectures about the 10-year history of the National Hospital in Oslo and how it has coped with new demands, also from Peter Scher, Architect-Research-Consultancy of Manchester Metropolitan University and Philip Sun, Chief Planning Officer/Managing and Director for Delta Health Center/IPDS about how to build faster, better and smarter. R.H Gortemaker's (Architect, Rotterdam) lecture titled '*Flexibility and robustness*' was one of the most interesting ones for me that day.

The message of this afternoon can be well used in Hungarian Healthcare Architecture as well, particularly in case of buildings being designed within the Social Infrastructure Operative Program. After several studies international architects have come to the conclusion that Public Health Group of the Hungarian Association of Architects including me have agreed with for years: in case of hospitals, **raster size ensuring ideal flexibility is around 7,80 m, but should be at least 7,50 m. We heard an interesting financial comparison of block hospitals with pillar frames, pavilion hospitals and buildings designed with the concept space in space??** This latter kind costs 150% of the pavilion-style hospitals. In case of a Dutch hospital that was part of the lecture 83% of the rooms were one-bed rooms. Although the conclusion has not been drawn officially, **it is about to become a fact/obvious: though pavilion system has several disadvantages, we cannot reject it entirely and at all circumstances, and there are strong limits to centralization, too.**

Friday morning was in relation with international hospital building projects, the lectures were about Swiss healthcare buildings concerning quality, quantity and cost, about Fiona Stanley Hospital as well as how they design hospitals in

Australia – from Warren Kerr, National Director, Hames Shaley. Dr. Huang Xiqiu, Chief Architect, China IPPR International Engineering Corporation and George Mann, Professor, Texas A&M University spoke about Chinese hospital building, then we listened to Romano del Nord's - Professor/architect, TESIS – lecture about an Integrated Design Experience. The afternoon block was connected to energy efficiency: After Robert Martinez - Senior Energy Advisor, Norconsult, Norway - expressed what is the key to energy efficient hospitals in his opinion, Sidsel Jerkø - M.Architect, Researcher, SINTEF – showed us interesting examples in the field of energy efficiency. Special emphasis has been placed on lighting: it should adapt to the changing natural light coming inside the building both in terms of time (different times of the day) and space: quantity of natural light differs near the windows and in the inner rooms, where higher level of artificial lighting should be ensured. We learned thermochromatic, fotochromatic and electrochromatic glass study results as well as the perspective of vacuum insulated panels. Helina Kotilainen - Chief Architect, The National Institute of Health and Welfare, Helsinki – spoke about virtual design in hospitals and gave a detailed review of one of their design projects that involved the CAVE (Computer Aided Virtual Environment) system.

Friday evening UIA Public Health Group held a dinner at the Mies van der Rohe prize winning Opera House of Oslo, which is not only beautiful, but provides a wonderful experience of space with its volume symbolizing ice plates slid together. The Opera house with its 38.500 m² floor area and 1.100 rooms was designed by Kjetil Trædal Thorsen, Tarald Lundevall and Craig Dykers from Snøhetta architectural office, and was opened in April 2008. The main auditorium contains 1.364 seats.

Saturday afternoon Hans Eggen, Director of UIA Public Health Group gave an interesting lecture about financial reasons why university hospitals cannot change their site. The conference was closed with a UIA PHG meeting where the resigning director, Hans Eggen was happy to introduce the new director of the Public Health Group: Mr. George Mann, architecture professor of A&M University, Texas.

Hospital visits

Friday afternoon we took a trip to visit Akershus University Hospital (AHUS), which is one of the 4 hospitals of the Oslo University, located in Lorenskog, Eastern-Oslo. AHUS is a never-closing hospital, with a constant working time. The most important tasks of the hospital are treatment, research and education of the highest standard. The region's population of 460.000 is treated by 6.200 employees. The architect, C. F. Møller won the international design competition in 2000, and the hospital was finished in 2008. The entire basement floor of the enormous facility contains tons of operation ensuring technologies: e.g. programmed robots transport food practically right to the beds, handing in used hospital robes and taking clean ones also happens automatically. The most important characteristics of the building are the clean layout-functional plan and the severe, non-ostentatious architecture. There are high level and quality room equipments, but unfortunately we did not have a chance to look into the priority medical rooms (like operating theatres, intensive care unit). The hospital has a floor area of 140.000 m² and contains 540 beds and 80 technical beds.

Saturday morning we participated in another organized hospital tour, which took us to the Oslo University Hospital: Rikshospitalet. Oslo University Hospital is one of the most specialized hospitals of Scandinavia, it treats more than 12 million patients every year. Rikshospitalet is situated in a beautiful environment, it contains brick enveloped blocks strung to a 4-storey, atrium-like corridor. Using natural wood can be observed in the interior as well. The building is in scale with the neighbouring psychiatric hospital, and the aim for the height of the new wings was not to exceed that of the surrounding trees. These concepts resulted in a low building appearance, but at some places it involves as many as 7 storeys. It was designed by Medplan Arkitekter and opened in 2001 with its floor area of 192.500 m² and 585 beds. The building's energy intensity is 441 kWh/m².

Both hospitals are patient-centered, have a clean, logical pathway system and a massive, many-storey atrium. A really remarkable and inevitable point is the high respect of natural light.

The essence and message of the conference can hardly be summarized in some words, but if I have to try, I would use the following ones: flexibility, centralization-decentralization, energy efficiency, clean functionality, architectural modesty.

Dr. Kiss, Zsolt István, Chief architect of A.S.C. Studio Co. LTD
Leader of Public Health Group of Hungary, Association of Hungarian Architects
Official member of UIA PHG ascstudio@t-online.hu

Photos taken by: Dr. Kiss, Zsolt István and Várhelyi, Enikő, Translated by: Várhelyi, Enikő

8. From Walkiria Werse Sao Paolo, Brazil



**Report on VI Congress ABDEH - Brazilian
Association for Development of Hospital Building 2012**
From Walkiria Werse in Brazil Jan 12, 2013, VI Congress ABDEH – Brazil
Brazilian Association for Development of Hospital Building

Brazil has conducted in September 2012 the V Brazilian Congress for the Development of Hospital Building attended by over 500 participants and speakers from different regions of Latin America, besides the presence of the Vice-President of the International Federation of Hospital Engineering (IFHE), architect Liliana Font. A meeting with a wide range of professionals and special interest in the questions of healthcare buildings: architects, engineers, hospital administrators, doctors, nurses, designers and others.

In addition to technical visits major hospitals, there were conferences, panels and roundtables on topics that were discussed as humanization in health environments and new paradigms in design for health. "Humanization, increasingly, is a significant point of health care. Is the importance of customer and patient care within the equation," said Professor Gonzalo Vecina of Sirio Libanês Hospital in São Paulo. A relevant conference was held by Italian architect and Professor Romano Del Nord who presented examples of important projects and highlighted the new conceptual solutions for healthcare environments.



(Left to right) Peter Scher, UK (Deceased), Walkiria Werse, Brazil, and Janice Axon, USA
Photo by Phillip Sun

The Argentine architect Silvana Codina showed the network of new buildings constructed for primary care in the Province of Santa Fé. The architect and professor Siegbert Zanettini stressed that one must always address the

architecture as a whole, because in the hospital, the same concepts should be incorporated into the construction or renovation, valuing natural ventilation and light mixed nature.

The Italian Romano Del Nord and Brazilians, medical Nacime Solomon Mansur, Salim Lamha Neto engineer and the architect and professor Marcio de Oliveira Nascimento closed the meeting with a roundtable "Prospects for the health network in Brazil and worldwide." The Brazilian Association (ABDEH) had already defined the VI Congress of ABDEH to the 27 - 29 August 2014, in Florianópolis, Santa Catarina state, southern Brazil. In this period Will happen important events in the southern cone, notably the FIFA World Cup in Brazil (June 12 to July 13) and the 23th Congress of IFHE (International Federation of Hospital Engineering), for the first time in Latin America, Buenos Aires (12-16 October).

To download all the presentations of V Congress ABDEH, visit: www.abdeh.org.br.

Fabio Bitencourt, President

9. Moshe Zarhy honored in Israel

A ceremony was held at the Technion on October 14 in conjunction with The First International Conference on Medicine and Architecture in the 21st Century to honor the architect **Moshe Zarhy**, whose healthcare buildings were a milestone in the history of hospitals in Israel.



Moshe Zarhy (on the right) receives a "Hamsa" from Prof. Yehuda Kalay, Dean, Faculty of Architecture & Town Planning, The Technion-Haifa, Israel
Photo credit: *Technion Spokesman*

http://www1.technion.ac.il/_local/includes/blocks/news-items/121014-medarchitecture/news-item-en.htm

10. Summary

We hope that you send in items of interest for future Newsletters. We also hope that you send us any ideas for improving our UIA / PHG International Union of Architects / Public Health Group in the future. We have a great deal of work to do. Thank you.

George J. Mann, AIA

The Ronald L. Skaggs, FAIA Endowed Professor of Health Facilities Design;
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tel 979 845 7856 fax 979 862 1571 email mannj1@yahoo.com

First Holder of the Skaggs - Sprague Endowed Chair of Health Facilities Design;
Director of the UIA / PHG - International Union of Architects / Public Health Group
President and Co - Founder, GUPHA (Global University Programs in Healthcare Architecture)
Founder and Advisory Board Chairman The RPD (Resource Planning & Development)