

ROYAL COLLEGE OF PHYSICIANS LONDON | 11-14 JUNE 2017

# EUROPEAN HEALTHCARE DESIGN

RESEARCH • POLICY • PRACTICE

Organised by



ARCHITECTS FOR HEALTH

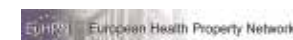


## PRELIMINARY PROGRAMME

VISIONING THE FUTURE: DESIGNING FOR  
CHANGE IN PEOPLE-CENTRED HEALTH SYSTEMS

Register at [www.europeanhealthcaredesign.eu](http://www.europeanhealthcaredesign.eu) | [info@europeanhealthcaredesign.eu](mailto:info@europeanhealthcaredesign.eu)

Partners



INCORPORATING

UIA-Public Health Group Annual  
Seminar & Global University Program  
in Healthcare Architecture Meeting



# TIMETABLE OF EVENTS

## February 2017

Launch of the Preliminary Programme and online registration

## 19 April 2017

Deadline for early bird/speaker registration, and manuscripts

## Sunday 11 June 2017

Union of International Architects Public Health Group Seminar and Global University Program in Healthcare Architecture (09.00–17.30, with networking dinner from 19.00; venue to be advised)

## Monday 12 June 2017

08.00–18.00: EHD 2017 Congress & Exhibition

18.00–20.00 Welcome drinks reception

## Tuesday 13 June 2017

08.45–17.30: EHD 2017 Congress & Exhibition

17.15–22.00: EHD 2017 Awards and Garden Party

## Wednesday 14 June 2017

07.00–17.00: Study visits to UK health facilities

Cover images (clockwise from top left): Old See House, commissioned by Belfast Health and Social Care Trust, designed by RPP Architects with Richard Murphy Architects; Akershus University Hospital, commissioned by Helse Sør-Øst RHF, designed by C.F. Møller Architects; Aabenraa Psychiatric Hospital, commissioned by Region of Southern Denmark, designed by White arkitekter.

# VISIONING THE FUTURE: DESIGNING FOR CHANGE IN PEOPLE- CENTRED HEALTH SYSTEMS

Moving to people-centred health requires compassionate integrated care systems, designed in a way that allows patients to be active participants and true partners in their health and wellbeing throughout their lives.

Healthcare in the 21st century presents huge challenges and opportunities. Science, technology and medical advances are accelerating the pace of change, as we embark on a paradigm shift in pharmacology and diagnostics that requires fundamental changes in the provision of care and architecture. Meanwhile, nanotechnology is moving from research to application, our new knowledge of how the brain works is blurring the boundaries between neurosciences and psychology, and the technological revolution is delivering benefits at every level.

The rapid advances and convergence of medical science and information technology have provided us with the tools for system and service redesign, and have transformed diagnosis and treatment. This, in turn, has redefined building typologies.

### An expanded congress

Providing an interdisciplinary forum for policy advisors, researchers and practitioners from around the globe, the third European Healthcare Design 2017 (EHD2017) Congress & Exhibition will be held on 11–14 June, 2017 at the Royal College of Physicians in London, UK. Organised by Architects for Health and SALUS Global Knowledge Exchange, in collaboration with the Union of International Architects Public Health Group (UIA-PHG) and the Global University Program in Healthcare Architecture, the congress adopts a whole-system approach to redesigning European health systems through the exchange of knowledge, research and best practice on the relationship between health service design, technology and the physical environment.

This year's congress attracted a record number of abstract submissions from the Call for Papers. Consequently, the congress has been expanded into four streams on each day: the Art of Care; Healthy Ageing; Science, Technology and Innovation; and Strategic Design, Planning and Asset Development on day 1; and Care in the Community; Quality Improvement; Sustainable Development; and Clinicians for Design on day 2. More time has also been built in for discussion, and there will also be a lunchtime workshop on each day, focusing on how design methodologies and creative design thinking can facilitate innovative solutions for today's healthcare challenges.

Opportunities for managing chronic disease and the increasing ability to consult, examine and diagnose remotely are altering the architecture of systems and facilities. Expert insight will be presented into our changing socioeconomic and technological environment, identifying how these advances will deliver quality improvement, enhance patient experience and reduce health inequalities.

The world in which these changes are taking place has seldom seemed less stable. Climate change, economic fragility and mass migration are all existential threats. In Europe, our emergence from economic crisis has been more protracted than anticipated. These forces form the context for the principal themes of the congress. For the past decade, the developed world has moved towards integrated care systems, acute care has moved upstream into fewer and more specialist centres, new models for secondary care are being developed, and routine care is extending into the community and the home – vertically linked by common healthcare pathways.





### Designing for people-centred health

Care structures are developing that support and inform, and address the individual's health needs and expectations throughout their life, rather than in response to acute episodes. With many moving parts, the challenge is to design an integrated care system that is inclusive, affordable and adaptive. The patient has to find it understandable, accessible, respectful and well organised – a compassionate system in which patient and family are partners with the healthcare profession in their own health and wellbeing.

Great design is transformative. Whether the result is a system, service, setting, process or product, we must embrace its power to create positive change at a time of great uncertainty.

In addition to a full two-day conference programme, the event will host: a welcome drinks reception; an exhibition of the latest design and technology solutions; and study tours of the UK's most innovative new health facilities.

On the preceding day to the congress, the Union UIA-PHG and GUPHA will host a seminar and dinner for their members.

The congress will close with a ceremony to present the second European Healthcare Design 2017 Awards, which recognise design excellence in the global healthcare environment, followed by the now highly popular Garden Party in the spectacular medicinal gardens of the Royal College of Physicians.



**SUSAN FRANCIS**  
Programme director  
Architects for Health



**MARC SANSOM**  
Director  
SALUS Global Knowledge  
Exchange

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## KEYNOTE SPEAKERS



**AGNÈS COUFFINHAL**  
Senior economist, OECD,  
France



**LOUISE PARK**  
Associate director (Health),  
Ipsos MORI, UK



**DANIEL GLASER**  
Director, Science Gallery  
London, King's College  
London, UK



**VIVIENNE PARRY**  
Head of engagement,  
Genomics England, UK



**KRIS VERBURGH**  
Medical doctor,  
researcher and  
author, Belgium





LLEWELYN  
DAVIES



*This year's European Healthcare Design Congress incorporates the UIA-Public Health Group Annual Seminar and Global University Program in Healthcare Architecture Meeting. The UIA-PHG event will take place on Sunday 11 June from 09.00 to 17.30, with a networking dinner at 19.00. UIA-PHG members registered for European Healthcare Design 2017 may participate in the seminar at no additional cost. Venue to be advised.*

## 08.00 REGISTRATION OPENS



### SESSION 1

**Strategies and perspectives on global health systems**

**Chair: Andy Black**, Durrow Health Services Management, New Zealand

## 08.45 Welcome and introduction

**Susan Francis**, Architects for Health, UK

## 09.00 Keynote address: Citizens' views of health services around the world



**Louise Park**, Associate director, Ipsos MORI, UK

## 09.30 Keynote address: Strategies to improve international health system performance



**Agnes Couffinhal**, OECD, France

## 10.00 Panel discussion

## 10.15 COFFEE, EXHIBITION AND POSTER GALLERY



### SESSION 2

**The hospital in the city**

**Chair: John Cole**, Queen's University Belfast, UK

## 10.45 Addressing London's health and housing crisis by design

**John Cooper**, Director, John Cooper Architects, UK

## 11.05 From wounded city to healing environment

**Willemineke Hammer**, Partner, EGM architects, Netherlands

**Liesbeth van Heel**, Project manager, Directorate of Corporate Real Estate, Erasmus MC, Netherlands

## 11.25 A vision for the future of modular hospital design: structure and setting

**Edzard Schultz**, Partner, Heinle, Wischer and Partner, Germany

**Eva Henrich**, Architect – healthcare architecture, Heinle, Wischer and Partner, Germany

## 11.45 The Danish patient: a comparison of the architectural structures of hospitals in the 1960s, 1970s and in 2020 in Denmark

**Susanne Glade**, Architect, GO+ architekten, Germany

**Tobias Buschbeck**, Architect, Tobias Buschbeck Architecture, Germany

## 12.05 Panel discussion

## 12.30 LUNCH, EXHIBITION AND POSTER GALLERY

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### SESSION 3

**New models of care and the patient experience**

**Chair: Richard Darch**, CEO, Archus, UK

- 14.00** **Cancer Centre at Guy's Hospital: the patient voice – is the design better because of it?**  
 Catherine Zeliotis, Healthcare leader, Stantec, UK  
 Alastair Gourlay, Programme director – asset management, Guy's and St Thomas' NHS Foundation Trust, UK  
 Dr Majid Kazmi, Clinical director, haematology and cellular pathology, Guy's and St Thomas' NHS Foundation Trust, UK  
 Diana Crawshaw, Chair, Patient Reference Group, Guy's and St Thomas' NHS Foundation Trust, UK

- 14.20** **The art of care – integrated art and design at the New QEII Hospital**  
 Jacqui Bunce, Associate director, East and North Hertfordshire CCG, UK  
 Mark Rowe, Partner, Penoyre & Prasad LLP, UK  
 Louisa Williams, Director, Art in Site, UK

- 14.40** **The new Bispebjerg human hospital patient experience: designing a new Danish standard**  
 Kyle Basilius, Senior associate and medical planner, WHR Architects Europe, USA  
 Berit Steenstrup Damm, Vice-president of finance and process, Bispebjerg Hospital, Capital Region of Denmark, Denmark  
 Mikkel Beedholm, Principal and senior designer, KHR Arkitekt, Denmark

- 15.00** **Panel discussion**

- 15.30** **COFFEE, EXHIBITION AND POSTER GALLERY**



### SESSION 4

**Art and design for women and children**

**Chair: Chris Little**, HLM Group, UK

- 16.00** **Taking the “ouch!” out of emergency: using illustrative and digital arts to guide, reassure and role-model behaviours at the Children's Emergency Department, Evelina London Children's Hospital**  
 Louisa Williams, Director, Art in Site, UK  
 John Criddle, Consultant in Children's Emergency Medicine, Evelina London Children's Hospital, UK  
 Martin Jones, Director, Art in Site, UK

- 16.20** **Case study at HM Nuevo Belén Hospital in Madrid – comparing two different healthcare concepts in the same maternity building**  
 Angela Elisabeth Müller, Architect, AMA Arquitectura de Maternidades, Spain  
 Marta Parra Casado, Architect, AMA Arquitectura de Maternidades, Spain

- 16.40-17.00** **Panel discussion**

### SESSION 5

**Keynote plenary**

- 17.00** **Keynote address**  
 To be advised

- 17.45** **Closing remarks**

- 18.00** **EXHIBITION, POSTER GALLERY AND WELCOME DRINKS RECEPTION**

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**Sir Robert  
McALPINE**

Stream 2 begins at 10.45, after the early morning plenary session (08.45–10.15) in the Wolfson Theatre (see Day 1, Stream 1, pp4–5 for details).



## SESSION 6

**Policy and practice: designing for older people**

**Chair: Sylvia Wyatt**, Age UK Isle of Wight, UK

**10.45 Strategies for tackling the super-ageing process in a welfare society. Policy-making, welfare technology and refurbishments in Sweden in 2040**

Jonas Andersson, Architect and expert advisor, School of Architecture, Department for Architecture and Built Environment, KTH Royal Institute of Technology, Sweden

**11.10 Development and test of a methodology for the investigation of stroke patients' rehabilitation in home settings**

Elizabeth Marcheschi, Post-doctoral researcher, architecture, building and design, Chalmers University of Technology, Sweden  
Marie Elf, Associate professor and senior lecturer, School of Education, Health and Social Studies, Dalarna University, Sweden  
Lena Von Koch, Professor, Department of Neurobiology, Care Sciences and Society, Karolinska Institute, Sweden  
Hélène Pessah, Professor, Department of Neurobiology, Care Sciences and Society, Karolinska Institute, Sweden

**11.35 The impact of older people's connections to community on health: findings from rural southwest England and Wales**

Catherine Hennessy, Visiting professor, School of Health and Social Care, Bournemouth University, UK

**12.00 Panel discussion**

**12.30 LUNCH, EXHIBITION AND POSTER GALLERY**

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**12.45–13.45 LUNCHTIME DESIGN WORKSHOP – PART I**  
**Know and engage your user: empathy and co-design in healthcare**

Presenters: Caroline DeWick, Beth Zacherle, Joel Worthington, HDR, USA; Christoph Gatermann, HDR TMK Planungsgesellschaft, Germany



## SESSION 7

**Architecture and urban design for elder care**

**Chair: Jonathan Wilson**, Stantec, UK

**14.00 Colloquium: Urban elder care – case study 1: New Sølund, Denmark**

Julian Weyer, Partner, CF Møller, Denmark

**14.15 Colloquium: Urban elder care – case study 2: Drøbak, Norway**

Scott Grady, Director, Haptic Architects, UK

**14.30 Colloquium: Urban elder care – case study 3: HomeFarm project, Singapore**

Stephen Pimbley, Partner, SPARK Architects, Singapore

**14.45 Colloquium: Urban elder care – case study 4: Heather Street project**

Ray Pradinuk, Principal architect, Stantec, Canada

**15.00 Panel discussion**

**15.30 COFFEE, EXHIBITION AND POSTER GALLERY**



## SESSION 8

**Inclusive design for ageing communities**

**Chair: Warren Kerr**, UIA-PHG, Australia

**16.00 Design for building an engaged, inclusive and resilient residential aged-care workforce**

Dr Lucio Naccarella, Senior research fellow, Health Systems and Workforce Unit, University of Melbourne, Australia

Clare Newton, Associate professor in learning environments, Faculty of Architecture, Building and Planning, University of Melbourne, Australia  
Kurt Seemann, Director, Centre for Design Innovation, Swinburne University of Technology, Australia  
Briony Dow, Director, National Ageing Research Institute, Australia

**16.20 Designing a strategic masterplan for age-inclusive communities**

Simon Butler, Associate, Arup, UK

**16.40–17.00 Panel discussion**

Stream 2 will be brought to a close at 17.00, whereupon delegates are invited to return to the Wolfson Theatre (17.00–18.00) for the day's closing plenary and keynote address (see Day 1, Stream 1, pp4–5 for details).

12 June 2017

Stream 3 begins at 10.45, after the early morning plenary session (08.45–10.15) in the Wolfson Theatre (see Day 1, Stream 1, pp4–5 for details).



## SESSION 9

**Population health, big data and design**

**Chair: Katie Wood**, Arup, UK

### 10.45 **Technological advances and the healthcare estate**

Patrick Van den Bergh, Head of healthcare, Watkins Gray International, UK  
Geof Beesley, Partner, Fusion, UK  
Thomas Balkizas, Executive lead UK and Ireland, IBM Watson Health, UK

### 11.30 **The impacts of population health analytics on hospital and outpatient clinic designs**

Christine Chadwick, National senior director, infrastructure solutions, GE Healthcare, Canada  
Daniel Zikovitz, Solutions architect, GE Healthcare, Canada

### 12.00 **Panel discussion**

### 12.30 **LUNCH, EXHIBITION AND POSTER GALLERY**

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## SESSION 10

**Co-design and innovation to transform services**

**Chair: Peter Frost**, Chalmers University of Technology, Sweden

### 14.00 **Innovation and the New Alder Hey**

David Powell, Development director, Alder Hey Children's NHS Foundation Trust, UK  
Iain Hennessey, Clinical director innovation / paediatric surgeon, Alder Hey Children's NHS Foundation Trust, UK  
Rafael Guerrero, International lead – innovation / cardiac surgeon, Alder Hey Children's NHS Foundation Trust, UK

### 14.30 **Case study: Sahlgrenska University Hospital Imaging and Intervention Centre**

Gunnar Linder, Regional director healthcare, Sweden, WSP Parsons Brinckerhoff, Sweden

### 14.45 **CARe delivered with Telemedicine to support Rural Elderly and Frail patients (C@RTREF – Welsh for 'Home'): co-designing responsive services with patients in rural healthcare as part of the Future Hospital Programme in Wales**

Dr Olwen Williams, Consultant physician, team leader, Betsi Cadwaladr University Health Board, Wales  
Dr Salah Elghenzai, Consultant geriatrician, Betsi Cadwaladr University Health Board, Wales  
Dr Christian P Subbe, Consultant acute physician, Betsi Cadwaladr University Health Board and Bangor University, Wales

### 15.00 **Panel discussion**

### 15.30 **COFFEE, EXHIBITION AND POSTER GALLERY**



## SESSION 11

**Human-centred design for care**

**Chair: Jonathan Erskine**, Executive director, European Health Property Network, UK

### 16.00 **Sound and acoustics in healthcare facilities**

Mai-Britt Beldam, Central concept developer – healthcare, Saint-Gobain Ecophon, Sweden

### 16.20 **Emotional design for a healthcare robot and its app**

Yegor Tsynkevich, Creative director, Experience Design Agency, USA

### 16.40–17.00 **Panel discussion**

Stream 3 will be brought to a close at 17.00, whereupon delegates are invited to return to the Wolfson Theatre (17.00–18.00) for the day's closing plenary and keynote address (see Day 1, Stream 1, pp4–5 for details).

# DAY 1, STREAM 4: STRATEGIC DESIGN, PLANNING & ASSET DEVELOPMENT LINACRE ROOM

12 June 2017

Stream 4 begins at 10.45, after the early morning plenary session (08.45–10.15) in the Wolfson Theatre (see Day 1, Stream 1, pp4–5 for details).



## SESSION 12

**Sustainably transforming health infrastructure**

**Chair: Stephanie Williamson**, Great Ormond Street for Children NHS Foundation Trust, UK

|       |  |
|-------|--|
| 10.45 | <b>Transforming our healthcare estate</b><br>Richard Darch, Director, Archus, UK   |
| 11.10 | <b>The efficient health system of the future</b><br>John Kelly, Director, healthcare planning, Essentia, UK<br>Allegra Dowding, Healthcare planner, Essentia, UK<br>Annette Turnpenny, Senior healthcare planner, Essentia, UK   |
| 11.35 | <b>Holistic healthcare design and why it matters</b><br>Elizabeth Zacherle, Strategic innovation designer, HDR, USA<br>Joel Worthington, Strategic innovation designer, health, HDR, USA<br>Cliff Harvey, Vice-president, planning, facilities and support services, North York General Hospital, Canada |
| 12.00 | <b>Panel discussion</b>  |
| 12.30 | <b>LUNCH, EXHIBITION AND POSTER GALLERY</b>  |

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## SESSION 13

**Partnering to design a people-centred NHS**

**Chair: Jim Chapman**, Manchester School of Architecture, UK

|       |   |
|-------|---|
| 14.00 | <b>Sustainable by design</b><br>Dale Sinclair, Director of technical practice, architecture, EMIA Buildings + Places, AECOM, UK   |
| 14.20 | <b>A specialist children's hospital with play in its heart and art in its soul</b><br>Claudia Bloom, Director – architecture / healthcare, Avanti Architects, UK<br>Mary Reid, Senior interior designer – interior design / healthcare, Avanti Architects, UK |
| 14.40 | <b>Hopewood Park – an 11-year collaboration</b><br>Paul Yeomans, Director, Medical Architecture, UK<br>Christopher Shaw, Senior director, Medical Architecture, UK  |
| 15.00 | <b>Panel discussion</b>   |
| 15.30 | <b>COFFEE, EXHIBITION AND POSTER GALLERY</b>  |



## SESSION 14

**Technology, design and construction management**

**Chair: Cliff Harvey**, UIA-PHG, Canada

|             |   |
|-------------|---|
| 16.00       | <b>Addressing the risks of major construction activity on a working acute hospital site</b><br>Crispin Walkling-Lea, Head of healthcare planning, development and property services, Great Ormond Street Hospital for Children NHS Foundation Trust, UK |
| 16.20       | <b>P21+ repeatable room iPad and Web application</b><br>David Kershaw, Programme director, ProCure22, UK<br>Rosemary Jenssen, Design champion, ProCure22 – Kier, UK   |
| 16.40-17.00 | <b>Panel discussion</b>   |

Stream 4 will be brought to a close at 17.00, whereupon delegates are invited to return to the Wolfson Theatre (17.00–18.00) for the day's closing plenary and keynote address (see Day 1, Stream 1, pp4–5 for details).





# DAY 2, STREAM 1: CARE IN THE COMMUNITY

13 June 2017

08.00 REGISTRATION OPENS



## SESSION 15

**What the future holds**

**Chair: John Cooper**, Director, John Cooper Architecture (JCA), UK

08.55 Chair's welcome

09.00



### Co-creating knowledge where art and science collide

Daniel Glaser, Director, Science Gallery London, King's College London, UK

09.30



### The 100,000 Genomes Project: the start of personalised medicine

Vivienne Parry, Head of engagement, Genomics England, UK

10.00 Panel discussion

10.30 COFFEE, EXHIBITION AND POSTER GALLERY



## SESSION 16

**Designing healthy and sustainable communities**

**Chair: Mike Nightingale**, Chairman, Mike Nightingale Fellowship, UK

11.00

### Creating healthy communities – insights from NHS's Healthy New Towns Programme

Mario Bozzo, Director, design and technology, IBI Group, UK

Sara McCafferty, Senior strategy programme manager, NHS England, UK

11.20

### Herston Quarter Redevelopment: supporting new models of care through positioning, partnering and placemaking

Adam Davies, Principal, planning and urban design, HASSELL, Australia

Megan Reading, Principal, health sector, HASSELL, Australia

11.40

### New models of healthcare planning, design and architecture: how Markham-Stouffville Hospital was transformed into an integrated wellness community

Bill Nankivell, CEO, B+H Architects, Canada

12.00

Panel discussion

12.20

LUNCH, EXHIBITION AND POSTER GALLERY

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## SESSION 17

**Music, technology and design for aged care**

**Chair: Sasha Karakusevic**, NHS Horizons, UK

- |       |  |
|-------|--|
| 13.45 | <b>Using bus passes to create personal data stores to streamline health and care services</b><br>Sylvia Wyatt, Advisor, Age UK, Isle of Wight, UK<br>Christopher Curry, Director, General Information Systems Ltd (GIS), UK<br>Jo Dare, Chief executive, Age UK, Isle of Wight, UK |
| 14.05 | <b>Living with dementia: the role of music therapy and approaches to reduce social isolation and behavioural challenges</b><br>Dr Liz Paslawsky, International health business consultant, Liz Paslawsky & Associates, Australia   |
| 14.25 | <b>Extra care for older people – settings that value relationships</b><br>Peter Lacey, Director, Whole Systems Partnership, UK<br>Elaine McNichol, Director of CPD4 Health Innovation, School of Healthcare Studies, University of Leeds, UK                                       |
| 14.45 | <b>Panel discussion</b>  |
| 15.15 | <b>COFFEE, EXHIBITION AND POSTER GALLERY</b>   |



## SESSION 18

**Hospitals without walls at the frontline of care**

**Chair: Bas Molenaar**, Technical University Eindhoven, Netherlands

- |       |   |
|-------|---|
| 15.45 | <b>Clinic 20XX: Understanding consumers, continuums and change-readiness</b><br>Upali Nanda, Director of research, HKS, USA<br>Jane Ho, Healthcare design director, HKS, UK                       |
| 16.05 | <b>XXS-H Kiosk: design research into the smallest bit of institutional healthcare in Singapore</b><br>Ruzica Bozovic Stamenovic, Associate professor, National University of Singapore, Singapore |
| 16.25 | <b>Panel discussion</b>   |



## SESSION 19

**Keynote plenary and awards**

**Chair: Chris Shaw**, Architects for Health, UK

- |             |  |
|-------------|--|
| 16.45       | <b>Keynote address</b><br>Kris Verburgh, Medical doctor, researcher and author, Belgium (Invited)  |
| 17.15       | <b>European Healthcare Design Awards 2017:</b><br>Organised by Architects for Health with SALUS Global Knowledge Exchange, the awards aim to set new standards in the creation of healthcare environments that promote health and wellness, support the delivery of treatment and care in an accessible, economic and equitable way, and embed quality improvement |
| 17.50       | <b>Closing remarks</b>   |
| 18.30-22.00 | <b>GARDEN PARTY</b>  |



Stream 2 begins at 11.00, after the early morning plenary session (08.55–10.30) in the Wolfson Theatre (see Day 2, Stream 1, pp10–11 for details).



## SESSION 20

**Radically rethinking the future hospital**

**Chair: Chris Shaw**, Architects for Health, UK

- 11.00 Designing a very different hospital**  
Andy Black, chairman, Durrow Health Services Management, New Zealand
- 11.20 Re-activate! Create an activating patient environment by creating a non-bed-centric environment**  
Femke Feenstra, Board architect and interior architect, dJGA Architects, Netherlands
- 11.40 Designing flexibility for the future through lean operational planning with the incorporation of technology and art**  
Marvina Williams, Senior operational planner / Lean Black Belt, Perkins+Will, USA  
Jean Mah, Healthcare practice leader / principal, Perkins+Will, USA  
Amanda Hobbs, Industrial engineer / Healthcare specialist, Perkins+Will, USA

## 12.00 Panel discussion

## 12.20 LUNCH, EXHIBITION AND POSTER GALLERY

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## 12.30–13.30 LUNCHTIME DESIGN WORKSHOP – PART II

**Design thinking: creative approaches to tackling today's health challenges**

Presenters: Colum Lowe, Being Design, UK; Jonathan West and Ed Matthews, Royal College of Art Helen Hamlyn Centre for Design, UK



## SESSION 21

**Designing for emergency and critical care**

**Chair: Tom Danielson**, CF Moller Architects, Denmark

- 13.45 Critical care design – design competition winners and future trends**  
Charles Cadenhead, Senior principal, healthcare, WHR Architects, USA
- 14.05 Emergency talks – design for staff communication in emergency departments**  
Kieren Morgan, Principal, healthcare sector, HASSELL, UK  
Dr Lucio Naccarella, Centre for Health Policy, Melbourne School of Population and Global Health, University of Melbourne, Australia  
Dr Bernice Redley, Associate professor, Centre for Quality and Patient Safety Research, Monash Health Partnership, Deakin University Monash Medical Centre, Australia  
Michaela Sheahan, Researcher, knowledge and sustainability, HASSELL, Australia
- 14.25 Intensive care unit: work in progress**  
Clara Rius, Architect, Estudi PSP Arquitectura, Spain  
Ramon Torrents, Architect, Estudi PSP Arquitectura, Spain
- 14.45 Panel discussion**
- 15.15 COFFEE, EXHIBITION AND POSTER GALLERY**



## SESSION 22

**User-based design methods in the hospital planning process**

**Chair: Marte Lauvsnes**, Sykehusbygg, Norway

- 15.45 Usability briefing for hospital design – exploring user needs and experiences to improve complex buildings**  
Aneta Fronczek-Munter, Post-doctoral researcher, NTNU – Norwegian University of Science and Technology, Norway
- 16.05 Service users' involvement in the planning of a new psychiatric hospital: an example of a user-focused planning process**  
Minna Laitila, Director of nursing, Hospital District of South Ostrobothnia, Finland  
Marja Koivumäki, Clinical nurse specialist, Hospital District of South Ostrobothnia, Finland
- 16.25–16.45 Panel discussion**

Stream 2 will be brought to a close at 16.45, whereupon delegates are invited to return to the Wolfson Theatre (16.45–18.00) for the day's closing plenary and keynote address (see Day 2, Stream 1, pp10–11 for details).





Stream 3 begins at 11.00, after the early morning plenary session (08.55–10.30) in the Wolfson Theatre (see Day 2, Stream 1, pp10–11 for details).



## SESSION 23

**Sustainability, wellness and climate change**

**Chair: Ruzica Bozovic Stamenovic**, National University of Singapore, Singapore

|       |  |
|-------|--|
| 11.00 | <b>Healthcare evolves from sustainability to wellness</b><br>Richard Rome, Executive vice-president – healthcare, WSP Parsons Brinckerhoff, USA  |
| 11.20 | <b>Health spaces: hospital outdoor environments</b><br>Francesca Giofre, Associate professor – planning, design, technology of architecture, Sapienza University of Rome, Italy<br>Zoran Dukanovi, Associate professor – urbanism, University of Belgrade, Faculty of Architecture, Serbia |
| 11.40 | <b>Healthcare facilities at disaster and rescue zones: characteristics and future developments</b><br>Noemi Bitterman, Director, Medical Design Programme, Technion, Israel Institute of Technology<br>Yoni Zimmer, Architect, Israel  |
| 12.00 | <b>Panel discussion</b>  |
| 12.20 | <b>LUNCH, EXHIBITION AND POSTER GALLERY</b>  |

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## SESSION 24

**Biophilic design to promote health and wellness**

**Chair: Hank Adams**, HDR Architecture, USA

|       |   |
|-------|---|
| 13.45 | <b>Singapore's Khoo Teck Puat Hospital: biophilic design in action</b><br>Dr Nirmal Kishnani, Vice-dean and associate professor, School of Design and Environment, Department of Architecture, National University of Singapore, Singapore<br>Giovanni Cossu, Research associate and sustainable design manager, School of Design and Environment, Department of Architecture, National University of Singapore, Singapore  |
| 14.05 | <b>Healthcare design: an extension of the natural and built environment</b><br>Prof Jenny Ziviani, Professor in occupational therapy, Faculty of Health and Behavioural Sciences, University of Queensland, Australia<br>Dr Omniya el-Baghdadi, Project coordinator, Science and Engineering Faculty, Queensland University of Technology, Australia<br>Dr Angela Reeve, Visiting researcher, Science and Engineering Faculty, Queensland University of Technology, Australia<br>Katharina Knieberler Walker, Principal and head of landscape architecture, Conrad Gargett, Australia |
| 14.25 | <b>Healthy living and 'bio-facades'</b><br>Anuradha Sabherwal, Senior associate and project leader, Stantec, UK<br>Dr Jan Wurm, Associate director, Global Research Group, Arup, UK   |
| 14.45 | <b>Panel discussion</b>   |
| 15.15 | <b>COFFEE, EXHIBITION AND POSTER GALLERY</b>  |



## SESSION 25

**Visioning environmentally sustainable healthcare: leadership from above and below**

**Chair: Dr Liz Paslawsky**, Executive advisor, SALUS Global Knowledge Exchange, Australia/UK

|             |  |
|-------------|--|
| 15.45-16.45 | <b>Panel discussion</b><br>Human and environmental health are profoundly affected by the way we design, plan, construct and operate our buildings and activities. Healthcare providers have a duty to demonstrate leadership in setting out a vision for the regenerative design of our healthcare services and environments that nurture instead of harm, replenish resources rather than consume them, enhance biodiversity, promote habitat restoration and mitigate climate change. By incorporating the triple bottom line of economic, social and environmental impacts, healthcare leadership can empower their staff, patients, visitors and local communities to be activists for the environment and at the same time enhance their own health, wellbeing and quality of life. |
|-------------|--|

Stream 3 will be brought to a close at 16.45, whereupon delegates are invited to return to the Wolfson Theatre (16.45–18.00) for the day's closing plenary and keynote address (see Day 2, Stream 1, pp10–11 for details).

Stream 4 begins at 09.00 with a private working group meeting for Clinicians for Design. From 13.45, the stream is open to participation from all registered congress delegates.



## SESSION 26

**Clinicians for Design working group**

**(by invitation/application only)**

**Chair: Dr Diana Anderson**, Clinicians for Design and Human Experience Lab, Perkins + Will, USA/Canada

09.00

### Clinicians for Design: leading change to radically enhance the quality of healthcare

Eve Edelstein, Director, Human Experience Lab, Perkins+Will, USA

Diana Anderson MD, Human Experience Lab, Perkins+Will, USA/Canada

Dr Neil Halpern MD, Chief, Critical Care Medicine Service – Anesthesiology and Critical Care Medicine, Memorial Sloan Kettering Cancer Center, USA

10.30

### COFFEE, EXHIBITION AND POSTER GALLERY

11.00

### Clinicians for Design Working Group

Clinicians for Design (CfD) is a new emerging international network with a vision to inspire and accelerate the design of environments and systems that enrich the healthcare interface. Its mission is to build and engage an international working group of clinical expertise, to guide the direction of health design, through leadership within research, education, and policy. The CfD group distinguishes itself as the only group to bring together experts in clinical care, research, education, health delivery and policy. Its distinctive mission provides a global platform for informing the design of health delivery, technologies, systems and policies to enhance patient care. To facilitate the inaugural meeting, Clinicians for Design will be hosting an invitation-only morning workshop. The afternoon sessions which will feature a series of expert presentations and panel discussions, will be open to all registered congress delegates.

12.20

### LUNCH, EXHIBITION AND POSTER GALLERY

Supported by:



## SESSION 27

**The Future Hospital Programme**

**Chair: Dr Eve Edelstein**, Clinicians for Design and Human Experience Lab, Perkins+Will, USA

13.45

### Collaborative working and leadership improve outcomes for frail older patients

Zuzanna Stanislawna Sawicka, Consultant in elderly medicine, Pinderfields Hospital, Mid Yorkshire NHS Hospitals Trust, UK

Mark Temple, Future hospitals officer, Future Hospitals Programme, Royal College of Physicians, UK

Steven Leonard Grimshaw, Consultant in elderly medicine, Mid Yorkshire NHS Hospitals Trust, UK

Katie Purcell, Patient-service manager, Mid Yorkshire NHS Hospitals Trust, UK

14.05

### Towards a 'future hospital': facilitating new models of care through a collaborative built environment

Chris Thornton, Healthcare lead, ADP Architecture, UK

Roger Duckitt, Lead, Clinical Acute Medical Unit, Western Sussex Hospitals NHS Trust, UK

14.25

### Novel virtual clinic to enable safe hospital discharge and reduce outpatient appointments

Dr Jennifer Kerks, Respiratory SpR, City Hospital, Sandwell and West Birmingham NHS Trust, UK

Hatem Abusriwil, Respiratory consultant, Sandwell and West Birmingham NHS Trust, UK

Alison Stockbridge, Respiratory SpR, City Hospital, Sandwell and West Birmingham NHS Trust, UK

Arvind Rajasekaran, Respiratory consultant, Sandwell and West Birmingham NHS Trust, UK

14.45

### Panel discussion

15.15

### COFFEE, EXHIBITION AND POSTER GALLERY



## SESSION 28

**Universal design and quality improvement**

**Chair: Dr Neil Halpern**, Memorial Sloan Kettering Cancer Center, USA

15.45

### Universal design: homes and healthcare buildings for an ageing population

Diana Anderson MD, Physician-Architect Dochitect, Canada

Prof Desmond O'Neill MD, Consultant physician in geriatric and stroke medicine, and professor in medical gerontology, Tallaght Hospital and Trinity College Dublin, Trinity Centre for Health Sciences, Tallaght Hospital, Ireland

Thomas Grey, Research fellow, Trinity Haus, Trinity College, Ireland

Neil Murphy, Senior built environment advisor, Centre for Excellence in Universal Design, National Disability Authority, Ireland

16.05

### Quality improvement: transforming health and care services by design

Dr Emma Stockton, Great Ormond Street Hospital, UK

Jennifer Whinnett, MARU London South Bank University, UK

Liz Whelan, MARU London South Bank University, UK

16.25-

### Panel discussion

16.45

Stream 4 will be brought to a close at 16.45, whereupon delegates are invited to return to the Wolfson Theatre (16.45–18.00) for the day's closing plenary and keynote address (see Day 2, Stream 1, pp10–11 for details).

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# POSTER PRESENTATIONS

|     |  |     |  |     |   |
|-----|--|-----|--|-----|---|
| P01 | <b>Can overhead hoisting technology ensure effectiveness and quality in care?</b><br>Anders Haugaard (Denmark)   | P09 | <b>Architecture for maternity services: how design can take us from depersonalisation of the subject to a supportive environment</b><br>Angela Elizabeth Müller; Marta Parra Casado (Spain)  | P16 | <b>Influence of lighting conditions for preparation and dispensing of medication in a hospital</b><br>M PJ Aarts (Netherlands)  |
| P02 | <b>Open room: a prefabricated room for new strategies in hospital flexibility</b><br>Stefano Capolongo, Andrea Brambilla, Marco Gola (Italy)   | P10 | <b>Enhancing the environment of paediatric oncology unit the Malaysian way: review, revive, recommend</b><br>Norwina Mohd Nawawi; Chiam Tat Hong; Aliyah Nur Zafirah Sanusi; Ahmad Naufal Md Alwi (Malaysia)                                       | P17 | <b>Kaiser Permanente Sports Medicine Clinic: clinical excellence in an unexpected setting</b><br>Ken Schwarz; Craig W McInroy; Dale Sinclair (USA)  |
| P03 | <b>Environmental unit superposition and analysis for future flexible scenario in hospital planning</b><br>Andrea Brambilla; Stefano Capolongo; Marco Gola; Professor Gabriella Peretti (Italy) | P11 | <b>Space quality in hospital architecture: explorative study and typology analysis of European university hospitals</b><br>Anna Sillitti (Germany)   | P18 | <b>Daylighting in practice – within surgical environments</b><br>Edzard Schultz; Professor David Allison; Eva Henrich (Germany)   |
| P04 | <b>Developing a standardised stakeholder engagement approach to support the efficient design development</b><br>Robbie Blackhurst (UK)   | P12 | <b>How to evaluate healthcare buildings: selection of methods for evaluating hospital architectural quality and usability – a case at St Olav's Hospital in Norway</b><br>Aneta Fronczek Munter; Johan van der Zwart; Geir Karsten Hansen (Norway) | P19 | <b>A healthcare oasis on the village commons: envisioning a healthcare campus as the social hub of an entire community</b><br>David Stavros (Canada)  |
| P05 | <b>How healthcare design impacts on elderly patients and those with dementia – a sensory approach</b><br>Andrea Harman (UK)  | P13 | <b>Redevelopment of the Martini Hospital in Turin: an example of humanisation of healthcare spaces</b><br>Grazia Giulia Cocina; Gabriella Peretti; Francesca Thiebat (Italy)   | P20 | <b>New research and design technology to improve the safety of hospitals</b><br>Dr Aoife Hunt (UK)  |
| P06 | <b>Using a systems approach to designing a safer and more ergonomic operating room</b><br>Anjali Joseph; Kenneth Catchpole (USA)   | P14 | <b>Physical rehabilitation centres: how architectural layout design hinders patient mobility</b><br>Maja Kevdzija; Professor Dr Gesine Marquardt (Germany)   | P21 | <b>Design competition transforms the facade of the Bristol Royal Infirmary</b><br>Jane Willis; Andy Headdon; Craig Bennett (UK)   |
| P07 | <b>CICU patient perspectives on healing environment (2006–2014): a qualitative exploratory study</b><br>Astrid Maria Debuchy (Argentina)   | P15 | <b>The decentralised station – the case for its broader application and integration</b><br>Louis A Meilink Jr; Christina Grimes (USA)  | P22 | <b>The new Clínica Anglo Americana</b><br>Clara Rius; Ramon Torrents (Spain)  |
| P08 | <b>How effective inter-professional collaboration between designers, clinicians and managers can improve the design of healthcare facilities</b><br>Jane Carthey (Australia)                   |     |  | P23 | <b>Flexible design for future change</b><br>Charles Stokes (UK)   |
|     |  |     |  | P24 | <b>The social invisibility of mental health facilities: understanding social exclusion through artwork</b><br>Dr Evangelia Chrysikou; Dr Naheed Mukadam; Ioanna Tsimopoulou; Ava Fatah gen Schieck (UK) |



|     |  |     |   |     |  |
|-----|--|-----|---|-----|--|
| P25 | <b>ICU design for reduction of post-intensive care syndrome (PICS)</b><br>Sarah Sanderson (UK); Michael Wilkening (Germany)  | P33 | <b>Re-imagining the hospital as community hub: Can a hospital act like a community centre?</b><br>Burkhard Musselmann (UK); Michael Moxam (Canada); Velimira Drummer (UK); Anita McConnell (UK)           | P41 | <b>The relation of visual impairment to the risk of falling among older adults</b><br>Widya Aulia Ramadhani  |
| P26 | <b>Designing for change in specialist hospital areas</b><br>Rory McGrath (Germany)   | P34 | <b>The 'One Health' approach: designing healthy communities and facilities in Africa</b><br>Zhipeng Lu; Prof George J Mann; Prof Chanam Lee (USA)   | P42 | <b>Shifting elderly care: case studies of multi-generational communities in Europe and the USA</b><br>Tatiana Epimakhova (USA/Russia)  |
| P27 | <b>Emerging models of cancer care: implications for facility design</b><br>Bitu A Kash; Molly McKahan; Sarah Mack; Upali Nanda (USA)   | P35 | <b>Community care hubs, including GP practices – can they take the pressure off our creaking hospital-based care system?</b><br>Jonathan Wilson; Dr Patricia Oakley; Carolyn Botfield; Marc Levinson (UK) | P43 | <b>Health Springs: an innovative wellness and fall-prevention approach for Singaporean elderly in high-rise housing</b><br>Jinting Lee (USA); Susan Rodiek (USA); Chek Hooi Wong (Singapore); Xuemei Zhu (USA) |
| P28 | <b>Architecture of pharmacies: co-designing spaces that promote engagement with community pharmacy alcohol services</b><br>Dr Ranjita Dhital; Professor Colin Drummond; Rama Gheerawo; Professor Glenn Robert (UK) | P36 | <b>Evaluation of change: design options of patient room configuration in a hospital medical unit</b><br>Nirit Putievsky Pilosf; Prof Yehuda E Kalay; Prof Jacob Yahav MD (Israel)                         | P44 | <b>Patient falls in an elderly care/hospice setting</b><br>Hugh Sexton; Eoin O Morain (UK)   |
| P29 | <b>Design quality in healthcare environments: how architecture and psychology can meet</b><br>Elena Bellini; Daniele Mugnaini; Michele Boschetto (Italy)   | P37 | <b>Optimised design methodologies for energy-efficient buildings integrated in the neighbourhood energy systems</b><br>Martjan den Hoed (Netherlands)   | P45 | <b>Microclimatic design of outdoor places for seniors to provide safe and supportive environments</b><br>Eric Bardenhagen; Robert D Brown (USA)  |
| P30 | <b>A tale of three communities: the value of engagement in mental healthcare environments</b><br>Barbara Miskiel (Canada); Jonathan Wilson (UK)  | P38 | <b>The impact of aged people and dementia-friendly environments in users' socio-economic inclusiveness</b><br>Davide Landi (UK)   | P46 | <b>The crow and the wasp: creating a sustainable NHS</b><br>Sumita Singha (UK)   |
| P31 | <b>INSoMed: A revolutionary programme for medical education and global health</b><br>Brenda Smith (USA); Jimmy Smith (USA); Andrew Douglas (UK); Andreas Charalambous (Cyprus)                                     | P39 | <b>Support system: empowering people with osteoarthritis</b><br>Ela Neagu; Elizabeth Raby; Dr Chris McGinley (UK)   | P47 | <b>New schools, new learning – school as prevention and health promoter</b><br>Susanne Glade; Christoph Ostermeyer; Anna Sillitti (Germany)  |
| P32 | <b>Neighbourhood health centre – a meeting and exchanges place for health</b><br>Gwladys Also; Mayumi Iitsuka (France)   | P40 | <b>Age-inclusive university campus healthy communities</b><br>Keith Davis (Australia)   | P48 | <b>Design considerations for sustainable healing places: the use of nature in mental hospitals</b><br>Emine Nur Ozanozgu; Bilge Sayil Onaran (Turkey)  |

# POSTER PRESENTATIONS

- |     |   |     |   |     |   |
|-----|---|-----|---|-----|---|
| P49 | <b>Designing wellbeing into the built environment: 'Our Future Foyle'</b><br>Elizabeth Raby; Ralf Alwani; Jonathan West;<br>Jo-Anne Richard (UK)  | P59 | <b>Breaking out of the Snow cave – the significance of colour in healthcare environments</b><br>Stine Louring Nielsen; Michael Mullins (Denmark)                          | P68 | <b>Creating compassionate environments utilising integrated and bespoke quality influencing and learning tools to support health and wellbeing of people affected by cancer</b><br>Jill Weeden; Fred Currell (UK) |
| P50 | <b>Expressed emotion and the hospital environment: a way to conceptualise compassionate care</b><br>Stephanie Liddicoat (Australia); Joe Forster (UK)   | P60 | <b>Waiting well: start as you mean to go on</b><br>Agata Zamasz; Cressida Toon; Gary Toon (UK)  | P69 | <b>With children in mind: designing a healing campus for trauma-informed therapy</b><br>Eric Bardenhagen; Zhipeng Lu; D Kirk Hamilton;<br>George Mann (USA)   |
| P51 | <b>Acute psychiatric facilities: therapeutic spaces or stigmatising places?</b><br>Gabrielle Jenkin (New Zealand); Dr Evangelia Chrysikou (UK); Debbie Peterson (New Zealand);<br>Prof Sunny Collings (New Zealand) | P61 | <b>Extra care for older people – settings that value relationships</b><br>Peter Lacey; Elaine McNichol (UK)   | P70 | <b>I can hear but I do not understand: impaired recognition of environmental sounds in patients with dementia</b><br>Dr Ing Birgit Dietz; Janine Diehl-Schmid; Johannes Mayer (Germany)                           |
| P52 | <b>Designing with care: hospice design since 1980</b><br>Mura Mullan; Julie Trueman; Peter Holgate (UK)   | P62 | <b>The influence of nature on stress and mood of medical staff: the case of Surp Pirgiç Armenian Hospital in Istanbul</b><br>Sezin H Tanriover (Turkey)                   | P71 | <b>Transfusion therapy day-hospital interior design and 'diversity icebreaker' communication styles</b><br>Ivana B Petrovic; Milce Cankovic Kadijevic (Serbia)  |
| P53 | <b>The design concept of common places for healthcare centres: a review from Turkey</b><br>Elif Baker; Bilge Sayil Onaran (Turkey)  | P63 | <b>Snap House: temporary residential module for refugees</b><br>Andrea Rebecchi; Stefano Capolongo; Alessandro Mapelli; Marta Pirola (Italy)                              | P72 | <b>A critical component in sustainable global health: mental health</b><br>Philip Patrick Sun (USA)   |
| P54 | <b>The role of contemporary artworks in GP waiting rooms</b><br>Jayne Lloyd (UK)  | P64 | <b>Making art for people with the most challenging forms of dementia, at the Continuing Care Unit, Lambourn Grove</b><br>Peter Shenai; Louisa Williams; Martin Jones (UK) | P73 | <b>Design requirements of high-level infectious disease unit</b><br>Timothy McHugh; Philip Astley; Anne Symons;<br>Jennifer Whinnett (UK)   |
| P55 | <b>Creating legacy projects for hospital, hospice and community</b><br>Anna Magnowska (UK)  | P65 | <b>Project of the largest hospital in the eastern part of Russia</b><br>Igor Gonchar; Maiia Kuminova; Egor Korchagin (Russia)   | P74 | <b>Making frailty a priority: experiences of an innovative GP-led multi-disciplinary approach to frailty within secondary care</b><br>Dr Juan Corkill; Dr Cat Roberts; Dr Ben Atkins (UK)                         |
| P56 | <b>Please remove shoes: shoe removal practice, transitional space, and human health</b><br>Widya Aulia Ramadhani; Kathryn H Anthony (USA)   | P66 | <b>The use of art to support wayfinding across complex health buildings</b><br>Jane Willis; Colette Jeffrey; Abigail Pride (UK)   |     |   |
| P57 | <b>The digital future for arts in healthcare</b><br>Victoria Jones (Australia)  | P67 | <b>Links between art pictures in classroom and repetitive behaviours in children with autism: an observational study</b><br>Shireen Kanakri (USA)                         |     |   |
| P58 | <b>Influence of soundscape and wall art on anxiety and perceived tranquility of patients in a waiting room</b><br>Greg Watts (UK)   |     |   |     |   |

# THE PROGRAMME COMMITTEE



**Susan Francis BA, AA Dip, MARCA, Programme director, Architects for Health, UK**

Susan is a qualified architect and programme director for Architects for Health. Previously, she was special advisor for health and led the NHS Design Review Programme at the CABE (Commission for Architecture and the Built Environment).



**Agnès Couffinal, Senior economist, OECD, France**

Agnès is an economist who specialises in health systems and policies. Until recently, she worked at the World Bank, first in South Asia and later in Eastern Europe and Central Asia, supporting governments to improve health systems. She has also worked for the World Health Organization.



**Anja Leetz, Executive director, Health Care Without Harm Europe, Belgium**

Anja is executive director for Health Care Without Harm Europe, which works with the health sector to help it become more sustainable. She has worked on issues such as procurement, mercury elimination, low-carbon healthcare, and pharmaceuticals in the environment.



**John Cooper BA, Dip Arch Cantab ARB RIBA, Director, John Cooper Architecture (JCA), UK**

John has been a principal in practice for 33 years. Having co-founded Avanti Architects in 1981, he set up JCA in 2009, and the practice has since designed hospitals in the UK, Ireland, South Africa, Iceland and Australia. He was chair of Architects for Health from 2009 to 2014.



**John Cole CBE, honorary professor, Queen's University Belfast, UK**

John is honorary professor at the School of Planning, Architecture and Civil Engineering, Queen's University Belfast. Also a procurement champion for RIBA, he was previously deputy secretary at the Department of Health, Social Services and Public Safety in Northern Ireland.



**Tom Danielson MAA, RIBA, Partner, C F Møller Architects, Denmark**

Tom's CV includes chairman of the Danish Association of Architects Competition Committee, and Board member of the Danish Association of Architectural Firms. Tom has been involved in the New University Hospital in Aarhus, DNU – the biggest hospital project in Danish history.



**Neil Halpern MD, Chief of critical care medicine, Memorial Sloan Kettering Cancer Center, USA**

A professor of medicine and anesthesiology at Weill Cornell Medical College, Neil is also a member of the editorial board of Critical Care Medicine and CHEST. His specialties include ICU design innovation, advanced ICU informatics, and point-of-care testing.



**Sasha Karakusevic, NHS Horizons, UK**

Having started his career in maxillofacial surgery, Sasha has been involved in system design for more than 25 years. Having spent many years in Torbay and South Devon developing integrated care, he is now working with NHS Horizons to support large-scale transformation across the health sector.



**Sylvia Wyatt MA, AHSM, Advisor, Age UK, IW, UK**

Sylvia is an advisor to Age UK, Isle of Wight and is a governor of University Hospital Southampton NHS FT, having previously set up and run the NHS Confederation's Future Health Care Network. She also worked for the Scottish Government, on shifting health and care towards early intervention and prevention.



**Bas Molenaar, Emeritus professor, Technical University Eindhoven, Netherlands**

Emeritus professor Bas Molenaar has taught Healthcare Architecture at Technical University Eindhoven for the past seven years. With his practice, EGM architects, he designed the OLVG in Amsterdam and the Tony Moleapaza Children's Hospital in Arequipa, Peru.



**Alastair Gourlay, Director of asset management, Guy's and St Thomas' NHS Foundation Trust, UK**

A trained architect, Alastair has extensive experience of strategic planning, design, delivery and commissioning of healthcare projects. At Guy's and St Thomas', he leads on all capital and property issues on the acute sites and across the local community.



**Peter Fröst PhD, Professor in healthcare architecture, Sweden**

An architect with 30 years' experience, Peter created the Centre for Healthcare Architecture at Chalmers University of Technology in Sweden, in 2010. He teaches at masters level and tutors PhD students. His research focuses on evidence-based co-design approaches in healthcare architecture.



**Ružica Božović Stamenović, National University of Singapore, Singapore**

An associate professor at the University of Belgrade from 1989 to 2016, Dr Ružica Božović Stamenović joined the National University of Singapore (NUS) in a full-time capacity this year, having also been an associate professor there from 2000 to 2011.



**Marte Lauvsnes, Project and development hospital planning manager, Sykehusbygg, Norway**

A trained intensive-care nurse, Marte is project and development hospital planning manager for Sykehusbygg, the Norwegian Hospital Construction Agency. Previously, she was hospital planner and research manager for the hospital planner group in SINTEF Health Research.

## Organising Committee

**Marc Sansom**, Managing director, SALUS Global Knowledge Exchange, UK

**Christopher Shaw**, Chairman, Architects for Health, UK

**Jonathan Erskine**, Director, European Health Property Network, UK

**Warren Kerr**, Director, Union of International Architects Public Health Group, Australia

**Claudia Bloom**, Executive board member, Architects for Health, UK

**Jim Chapman**, Manchester School of Architecture, UK

**Stephanie Williamson**, Deputy director of development, Great Ormond Street Hospital for Children NHS Foundation Trust, UK

**Cliff Harvey**, Union of International Architects Public Health Group, Canada

**Nicola Howard**, Commercial director, SALUS Global Knowledge Exchange, UK

**Nicki Roessler**, Executive associate, SALUS Global Knowledge Exchange, UK

# EUROPEAN HEALTHCARE DESIGN 2017 SPEAKERS

**Adam Davies, Principal, HASSELL, Australia**

Adam is an urban planner and designer specialising in the health, higher education and science sectors. He is masterplanning lead for the Herston Quarter Redevelopment in Brisbane. In the UK, Adam has held senior positions at the Office of the Deputy Prime Minister, and the Commission for Architecture and the Built Environment.

**Alastair Gourlay, Programme director, Guy's and St Thomas' NHS Foundation Trust, UK**

Alastair spent several years in architectural practice before joining Great Ormond Street Hospital for Children as a project manager in the early 1990s. As director of asset management at Guy's and St Thomas' NHS Foundation Trust, he is responsible for capital and property issues on acute sites and across the local community.

**Angela E Müller, Architect, Arquitectura de Maternidades, Spain**

Born in Austria, Angela holds a master's degree for Hospital Architecture and Infrastructure. In 2006, the Spanish Health Ministry invited Angela and architect Marta Parra Casado to help create new guidelines for hospital birth. The next year, Angela and Marta founded Arquitectura de Maternidades, and have been working ever since on projects across Spain.

**Annette Turnpenny, Senior consultant, healthcare planning, Essentia Trading Ltd, UK**

Annette has more than 30 years of UK and international experience in healthcare as a senior manager, clinician, programme and project manager, with a track record overseeing the delivery of major projects. With skills in planning and implementation, Annette has helped deliver key organisational change to improve staff and patient experiences.

**Anuradha Sabherwal, Senior associate and lead environmental architect, Stantec, UK**

Anuradha has a double master's degree in Architecture in Urban Design, and Environment and Energy, and she specialises in the planning and architecture of healthcare projects. Her experience encompasses the design of acute, cancer, women and children's, diabetes, clinical office, and medical research projects. She excels at design, project management and team leadership.

**Dr Arvind Rajasekaran, Consultant respiratory physician, City Hospital, Birmingham, UK**

Dr Arvind Rajasekaran is clinical lead for lung cancer and interstitial lung disease at City Hospital, specialising in difficult asthma. He is the clinical tutor for physician trainees and an honorary senior lecturer at the University of Birmingham. He has also been heavily involved with the Future Hospitals Project at City Hospital.

**Berit Steenstrup Damm, Vice-president, finance and process, New Hospital and Mental Health Bispebjerg, Denmark**

At New Hospital and Mental Health Bispebjerg, Berit oversees finance and process management, and analysis and flow optimisation, in collaboration with staff and patients. Berit was previously a senior manager at Deloitte, working in change management and performance optimisation.

**Beth Zacherle, Strategic innovation designer, HDR, USA**

Beth uses human-centred design to help clients develop innovative solutions and implement change. Her projects include healthcare design and community planning, while she constantly strives to push thinking beyond 'business as usual'. Prior to joining HDR, Beth practised as a licensed architect for 10 years at internationally recognised firms, including Studio Gang Architects.

**Bill Nankivell, CEO, B+H Architects, Canada**

As CEO of B+H Architects, Bill has overseen significant global growth through acquisitions and organic initiatives, as well as leading growth in the healthcare and higher education sectors. In 2003, Bill received a medal from the Royal Architectural Institute of Canada for his work on the Beamish-Munro Hall at Queen's University.

**Caroline DeWick, Strategic innovation designer, HDR, USA**

Caroline combines experience in commercial interiors, business, and user-centred design and research to lead the creative process for new initiatives and design strategies. Her projects range from strategic plans for local community development to the nationwide re-imagining of healthcare delivery. Previously, she worked at SC Johnson leading design research and uncovering consumer insights for major brands.

**Catherine Zeliotis, Healthcare leader, Stantec, UK**

Catherine Zeliotis has worked as part of Stantec's team for 20 years and has extensive experience in cancer centre design. The lead clinical designer for the Cancer Centre at Guy's Hospital, Catherine has a special interest in how design can integrate hi-tech medical equipment into efficient, humane and uplifting healthcare environments.

**Charles D Cadenhead, Principal, EYP / Health (formerly WHR Architects), USA**

A senior medical planner, Charles is a fellow of both the American Institute of Architects and the American College of Healthcare Architects. Also a fellow of the American College of Critical Care Medicine, he is one of the few non-clinical members of the Society of Critical Care Medicine, for which he is past chair of its Design Competition Committee.

**Cheryl Desha, Head of civil engineering (Nathan Campus), Griffith University, Australia**

Cheryl is an associate professor and heads civil engineering at Griffith University. She is also part of the Cities Research Centre, focusing on establishing the research agenda for mainstreaming biophilic urbanism (nature-loving cities).

**Christine Chadwick, National senior director, infrastructure solutions, GE Healthcare, Canada**

With over 25 years' experience in health services planning, Christine specialises in oncology planning. She has worked in Trinidad & Tobago, Egypt, Costa Rica and UAE on a range of transformation projects, including: return on investment/feasibility studies; functional programming; design, equipment and technology planning; procurement; transition; and operations.

**Christoph Gatermann, Partner, HDR TMK Planungsgesellschaft, Germany**

Christoph is a project leader and partner at the Düsseldorf office of HDR TMK Planungsgesellschaft. He specialises in the planning of health buildings and is currently leading on Bonn University Hospital's new building for neurology, psychiatry and palliative medicine. He is a member of the International Architects Union and involved in the Public Health group.





**Clara Rius, Architect, Estudi PSP Arquitectura, Spain**  
 Joining Estudi PSP Arquitectura in 2002, Clara has worked on many different architecture projects in healthcare, designing new hospitals and renovations of existing hospitals, elderly care homes and other healthcare facilities. She studied at the University of Architecture of Barcelona (ETSAB), at the Polytechnic University of Catalonia.



**Claudia Bloom, Director, Avanti Architects, UK**  
 Claudia has been involved in healthcare design since joining Avanti in 1994. In 2002, she became director of healthcare and has since delivered projects of many scales. Her passion is for a clear, logical plan allowing for efficient healthcare delivery, while creating an environment that meets the social and emotional needs of patients, carers and staff.



**Cliff Harvey, Vice-president, planning, facilities and support service, North York General Hospital, Canada**  
 Prior to joining North York General Hospital, Cliff was senior architect for the Ontario Ministry of Health and Long-Term Care, Canada's largest provincial healthcare system. A fellow of the Royal Architectural Institute of Canada, he is also director-designate of the International Union of Architects – Public Health Group.



**Crispin Walkling-Lea, Head of healthcare planning, GOSH, UK**  
 Crispin is head of healthcare planning at Great Ormond Street Hospital for Children NHS Trust. Trained in both adult and children's nursing, Crispin worked on the PFI redevelopment of Barts and The Royal London hospitals for 11 years, where he developed skills in healthcare planning, equipping, and operational commissioning.



**Daniel Zikovitz, Senior digital solutions architect, GE Healthcare, Canada**  
 With over 20 years' healthcare experience and extensive knowledge in data analytics and software development, Daniel is a digital ambassador for GE Healthcare, supporting businesses across Canada. Daniel holds advanced degrees in Biology and Computer Science, and has held teaching posts in the faculties of Biology, Psychology and Computer Science.



**David Kershaw, ProCure22, Programme director, UK**  
 David leads the ProCure22 Efficiency and Productivity Programme (P22), and previously the ProCure21 + Cost Reduction Programme. P22 aims to deliver service efficiency and productivity while improving patient outcomes, through evidence-based repeatable arrangements and whole-life benefit standard components, and achieving Government Construction Strategy targets.



**David Powell, Development director, Alder Hey Children's NHS Foundation Trust, UK**  
 With more than 30 years' experience working in the NHS, David joined Alder Hey as development director in 2012, having previously held development director posts in Bristol and London. In his current role, David acts as project director for the Alder Hey in the Park, as well as executive lead for innovation.



**Desmond O'Neill, Professor of medical Gerontology, Trinity College Dublin, Ireland**  
 Des O'Neill is a professor of medical gerontology at Trinity College Dublin and a consultant geriatrician in Tallaght Hospital. His research interests centre on ageing and the neurosciences. He is chair of the National Centre for Arts and Health and helped develop the first course for artists in healthcare in Ireland.



**Diana Anderson, Dochitect, Canada**  
 An architect and physician trained in internal medicine, Dr Diana Anderson is a hybrid professional who combines educational and professional experience in both medicine and architecture. She was previously a medical planner at Stantec Architecture, and a past chair of the Society of Critical Care Medicine's ICU Design Committee.



**Diana Crawshaw, Chair, Patient Reference Group, Guy's Cancer Centre, UK**  
 Breast cancer survivor Diana Crawshaw chairs the Patient Reference Group for Guy's Cancer Centre. She has been involved in design meetings and workshops from the outset of the project and has played an important role in shaping the new centre.



**Edzard Schultz, Chief architect and partner, Heinle, Wischer und Partner, Freie Architekten, Germany**  
 Edzard is a member of the Association of Architects for Healthcare Architecture and has held a teaching position at the Technical University Berlin, Institute for Public Health. In Germany, his projects include Charité University Berlin, Munich University Hospital, Essen University Hospital, University Hospital Tuebingen, and University Hospital Ulm.



**Dr Elaine McNichol, CPD4 Health Innovation, University of Leeds, UK**  
 Dr Elaine McNichol has led a programme of work on behalf of Leeds University School of Healthcare Studies on meaningful patient and public involvement. She has developed the concept of 'patient-led innovation' as an approach to product and service innovation with health technology companies and the NHS.



**Elizabeth Marcheschi, Post-doctoral researcher, Faculty of Architecture, Chalmers University of Technology, Sweden**  
 Holding a PhD in Environmental Psychology and a MSc in Psychology, Elizabeth's work investigates the role played by the physical environment in supporting rehabilitation processes among stroke patients. She is also the project leader of research work on urban walking and vulnerable groups of society, at Lund University.



**Elizabeth Whelan, Senior lecturer, Faculty of Architecture, Computing and Humanities, Greenwich University, UK**  
 Specialising in healthcare projects, ethics and governance, Elizabeth has worked as an NHS IT and pre-construction project manager. She previously worked for the Department of Health and Strategic Health Authorities as a capital investment manager, as well as running the Medical Architecture Research Unit.



**Eva Henrich, Architect, Heinle, Wischer und Partner, Freie Architekten, Germany**  
 Eva received her Master of Architecture at Clemson University, USA, in 2011. She specialises in healthcare architecture and focuses on the study of relationships between health, healthcare and the built environment. Eva has worked on several hospital projects, including masterplans in Germany and the US.

# EUROPEAN HEALTHCARE DESIGN 2017 SPEAKERS



**Eve Edelstein, Director, Human Experience Lab, Perkins+Will, USA**

With a doctorate in Clinical Neurophysiology, and a master's in both Architecture and Anthropology, Eve translates rigorous clinical studies into brain-based design principles to enhance human experience. She directs the Human Experience Lab at Perkins+Will, and the DesignHealth CoLab with AIA Design+Health Research Consortium.



**Francesca Giofrè, Associate professor of technology of architecture, Sapienza University of Rome, Italy**

Francesca's area of research is primarily focused on innovation in design process. Since 2015, she has been vice-dean at the Faculty of Architecture, Sapienza University of Rome. Since 2004, she has been a member of the TESIS Inter-University Research Centre, 'Systems and Technologies for Social and Healthcare Facilities'.



**Geof Beesley, Partner, Fusion Health LLP, UK**

Geof is involved in major health estate planning and development projects across the UK. His project work ranges from the production of clinically driven strategic estate plans and estate-oriented business cases for Treasury approval, the development of patient pathways and models of care, and clinical briefs leading to design development processes and solutions.



**Giovanni Cossu, Sustainable design manager, National University of Singapore, Singapore**

A designer focused on integrated sustainable design, Giovanni has worked in Europe, China and South East Asia, with a brief period in North Africa. At the National University of Singapore, he manages the real estate developments of the School of Design and Environment, including the design and construction of the university's first net-zero energy building.



**Iain Hennessey, Consultant paediatric surgeon and clinical director of innovation, Alder Hey Children's Hospital, UK**

Trained in paediatric surgery and urology, Iain specialises in advanced minimal access surgery. His research interest is in the use of simulation to enhance and assess surgical skills. As director of innovation, he has built the Alder Hey innovation service into an internationally recognised entity.



**Jean Mah, Principal and healthcare planner, Perkins+Will, USA**

Jean has specialised in healthcare architecture for more than 25 years. She offers a global perspective, focusing on cancer facilities, health science centres, academic medical centres, and ambulatory units. She has recently led the planning and design of the Sheikh Zayed Tower and Charlotte R Bloomberg Children's Center for the Johns Hopkins Hospital.



**Dr Jennifer Kerks, Specialist registrar in respiratory and general internal medicine, West Midlands Deanery, UK**

Dr Jennifer Kerks has developed an interest in quality improvement projects and is involved in a deanery-wide initiative to improve trainees' engagement with such schemes. She recently worked at City Hospital, Birmingham, where she developed a virtual clinic to help reduce pressure on outpatient clinics.



**Jenny Ziviani, Conjoint professor, University of Queensland, Australia**

Professor Ziviani works at the University of Queensland's School of Health and Rehabilitation Sciences. She is a leader of the Children's Allied Health Research Unit in Queensland Health, Brisbane. She is interested in the potential for green spaces to enhance health and wellbeing outcomes for patients in hospital environments.



**Joel Worthington, Design strategist, HDR, USA**

As a design strategist, Joel describes himself as a collaborator, connector, knowledge broker, and change catalyst. He has a diverse background in health system leadership, management consulting, and design methods. Joel often works with architectural colleagues by specialising in innovation, human behaviour change, and experience design.



**John Cooper, Owner, JCA, UK**

John has been a principal in practice for 33 years. He set up JCA in 2009, and the practice has designed hospital projects in the UK, Ireland, South Africa, Iceland and Australia. John co-founded Avanti Architects in 1981, and he was chair of Architects for Health from 2009 to 2014.



**Dr John Criddle, Paediatric emergency medicine consultant, Evelina London Children's Hospital, UK**

John has been a consultant paediatrician in the children's emergency department at Evelina since 2004. He led a project, completed in 2017, to enhance the emergency department environment. He is chair of the Royal College of Paediatrics and Child Health / Royal College of Emergency Medicine intercollegiate committee for children in emergency care settings.



**John Kelly, Director – healthcare planning, Essentia, UK**

John's career in healthcare planning began with academic research posts at London University and the Medical Architecture Research Unit, where, as deputy director, he helped develop early initiatives in evidence-based design. John was a founding director of healthcare strategy consultancy RKW, and previously head of healthcare planning at EC Harris.



**Jonas E Andersson, Associate professor, School of Architecture, Royal Institute of Technology, KTH, Sweden**

Jonas has a PhD in Architecture. He is affiliated as expert advisor at the Swedish Governmental Agency for Participation with a focus on accessibility issues in the built environment, along with realising Sweden's disability policy in line with the UN Convention on the Rights of Persons with Disabilities.



**Katharina Nieberler-Walker, Principal and head of landscape architecture, Conrad Gargett, Australia**

Katharina is an industry-recognised leader in landscape architecture who has been responsible for major projects in Queensland and interstate. She led the landscape team on the award-winning Lady Cilento Children's Hospital. She is an environmentalist and interested in fostering a closer link between academic research and industry.



**Kieren Morgan, Principal, HASSELL, UK**

Working at HASSELL, Kieren is currently project principal for the Jersey Future Hospital in St Helier, and technical advisor for the new Velindre Cancer Centre in Cardiff, South Wales. He combines practice with teaching, research and design advisory roles. He has been a Design Review panel member for the Design Commission for Wales and NHS Estates in England.


**Kyle Basilius, Medical planner, senior associate, WHR Architects, Denmark**

An architect and medical planner, Kyle has worked on more than 5.5 million square feet of new healthcare construction projects over the last 13 years. His projects include the replacement Stamford, CT hospital, the Cardiovascular and Neurosurgery expansion at Houston Methodist in the Texas Medical Center, and the new Bispebjerg Akut hospital in Copenhagen.


**Liesbeth van Heel, Project secretary, Erasmus MC, Netherlands**

Trained in Facility Management and Business Economics, Liesbeth joined Erasmus MC as a management trainee. Since the late 1990s she has been involved in the Erasmus MC redevelopment project as project secretary, and manager in the Directorate of Corporate Real Estate. She has gained expert knowledge in innovation in developing a new university hospital.


**Dr Liz Paslawsky, Health business consultant, UK/Australia**

Dr Liz Paslawsky has 10 years' experience as a CEO of public hospital groups, leading financial turnaround strategies, infrastructure developments, and hospital operational mergers. She is skilled in leading strategy for transformational change from conception through to outcomes. Liz has assisted many global companies to introduce new service models.


**Louisa Williams, Director, Art in Site, UK**

Louisa is an art consultant with over 20 years' experience across commercial and public sectors, including retail, airports and healthcare. Her firm, Art in Site, which she founded in 2003, produces work that: connects with the emotional needs of patients, visitors and staff; supports service efficiency; and provides meaningful outcomes around which shared culture can grow.


**Dr Lucio Naccarella, Senior research fellow, University of Melbourne, Australia**

Dr Lucio Naccarella is a senior research fellow at the Centre for Health Policy, Melbourne School of Population and Global Health, at the University of Melbourne. He is a leading health systems researcher with interests in, among others, systems change and design, population health approaches, workforce models of care, and transcultural approaches.


**Mai-Britt Beldam, Concept developer, Saint-Gobain Ecophon, Denmark**

Mai-Britt has been working at Saint-Gobain Ecophon since 2007, with a focus on delivering better sound environments. Working in Sweden, her background is in phonetics, phonology and communication. As a concept developer and team leader, she keeps abreast of architectural trends to understand how room acoustics affect patients and staff.


**Marie Elf, Lecturer, Dalarna University, Sweden**

An associate professor in healthcare architecture, Marie works as a lecturer in the Department of Nursing at Dalarna University. Her research interests are: how to improve the design process; and how architecture influences and interacts with people with stroke and older persons living in residential care facilities.


**Mario Bozzo, Director, IBI Group, UK**

A director at design and technology firm IBI Group, Mario founded the Group's UK practice around 22 years ago. He now works across the transport, health, education and major event management sectors. IBI Group is support partner for NHS England's Healthy New Towns Initiative, for which Mario leads on digital and smart community strategies.


**Marta Parra Casado, Architect, Arquitectura de Maternidades, Spain**

In 2006, the Spanish Health Ministry invited Marta Parra Casado and architect Angela Müller to help create new guidelines for hospital birth. A year later, they founded Arquitectura de Maternidades and have since been working on projects all over Spain. They aim to improve maternity and neonatal units through built space that responds to evidence-based processes.


**Marvina Williams, Senior associate, Perkins+Will, USA**

Marvina is a registered nurse and clinical operations expert. Before joining Perkins+Will, she was director of a large emergency department, responsible for budgets, staffing, selecting equipment, writing and implementing policies, and meeting regulatory needs. She contributes operational studies, including workflow, workload calculations, patient care procedures, support services, and staffing efficiencies.


**Mary Reid, Senior interior designer, Avanti Architects, UK**

Mary is a trained interior designer, who joined Avanti in 2003. Previously, she worked at Powell & Moya and GMW Architects, and in association with Pringle Brandon and Pollard, Thomas and Edwards. She has worked on projects in both the public and private sectors, and has developed a particular interest in healthcare design.


**Megan Reading, Principal, HASSELL, Australia**

Megan's early career as a registered nurse acted as the catalyst to become a health architect, and she has gone on to design some of the largest hospitals in Australia. Holding a master's in Construction Management, she has the academic grounding in design, delivery and management of large complex health campuses.


**Michaela Sheahan, Researcher, HASSELL, Australia**

Michaela works with designers, industry and academic partners to develop research that contributes to projects in Australia, Asia and the UK, and has an interest in tertiary education and health projects. In 2014, she was awarded the National Association of Women in Construction International Women's Day Scholarship to investigate urban design issues in hospital knowledge precincts.


**Mikkel Beedholm, Senior designer and partner, KHR Arkitekter, Denmark**

Mikkel is head of architecture and design development, and a partner at KHR Arkitekter. His numerous prestigious designs include Sankt Hans Psychiatry and Akut Bispebjerg Hospital in Copenhagen. He has been a judge for the 'Aalborg University Hospital' competition, and in 2002, the Academy Council appointed him a member of the "Artistic community".


**Minna Laitila, Nursing director, Hospital District of South Ostrobothnia, Finland**

A registered nurse, Minna has a PhD in Nursing Science and a master's in Social Sciences. She has worked for the hospital district since 2013, and is responsible for nursing in outpatient and clinical settings within psychiatric services. Prior to her work for the district, she was project manager for the Ostrobothnia development.

# EUROPEAN HEALTHCARE DESIGN 2017 SPEAKERS



**Dr Nirmal Kishnani, Educator, advocate and architect, National University of Singapore, Singapore**

Since 2007, Dr Kishnani has helped shape the curriculum at the National University of Singapore, where he is vice-dean (special projects), at the School of Design and Environment. His 2012 book, *Greening Asia: Emerging Principles for Sustainable Architecture*, eschews green checklists and labels, and asks what might be a more appropriate design vocabulary for sustainability.



**Professor Noemi Bitterman, Industrial design, Technion, Israel**

Professor Noemi Bitterman holds a DSc in Medical Sciences and a MSc in Industrial Design, Post Doc at the University of Pennsylvania, USA. She is the founder and academic director of Masters of Industrial Design with focus on Medical and Social Design, Technion, in Israel. She is also a visiting professor at the University of Venice, Italy.



**Dr Omniya El Baghdadi, Post-doctoral researcher, Queensland University of Technology, Australia**

Dr El Baghdadi is a researcher at the Institute for Future Environments at Queensland University of Technology in Brisbane. She currently leads the university's \$120,000 catapult project on innovative ways to holistically monitor the performance of green infrastructure in the built environment.



**Patrick Van den Bergh, Director of healthcare, Watkins Gray International, UK**

Patrick has 17 years' experience in designing social and healthcare buildings, from community health centres to general hospitals. He is passionate about the built environment and, in particular, the healing and care sectors. He is fascinated by how the power of computing and technology could revolutionise the way healthcare is practised, planned and accommodated.



**Peter Lacey, Founding partner, Whole Systems Partnership, UK**

Peter has built a strategic consultancy in health and social care using a distinctive systems perspective. His team are experts in working with leaders from across different organisations and sectors to build strong partnerships focused on achieving joint strategic goals, underpinned by the use of simulation and modelling.



**Ray Pradinuk, Principal and architect, Stantec, Canada**

Working on healthcare projects for 25 years, Ray is the leader, healthcare research and innovation for Stantec and a member of the Vancouver Integrated Healthcare Design Studio. He uses evidence-based and sustainable design research, careful analysis, and innovation to strive for the best overall solution, working closely with clients and integrated design teams.



**Rosemary Jenssen, Director, Jenssen Architecture, UK**

Previously healthcare director for Devereux Architects, Rosemary founded Jenssen Architecture in 2012 to provide independent healthcare design advice. Through Jenssen Architecture, on behalf of Kier, Rosemary was a member of the P21 'repeatable rooms' team, and now the P22 Efficiency and Productivity Programme team. She is also a committee member of Architects for Health.



**Sara McCafferty, Senior strategy programme manager, Healthy New Towns Programme, NHS England, UK**

Prior to her role on the Healthy New Towns Programme, Sara was senior policy advisor at the Department of Health, where she worked on myriad strategy and delivery projects, including national performance standards, transforming out-of-hospital care, and devolution. Sara is passionate about evidence-based policy and using public resources effectively.



**Susanne Glade, Founder and associate, GO+ architekten, Germany**

Susanne has worked for Gregotti Associati, Milan and international studios in Berlin, Milan and Bremen. At GO+ architekten, she focuses on designing buildings for healthcare and education, and has received many awards for the design of learning spaces. She is also visiting lecturer at Politecnico di Milano and the Sapienza University of Rome.



**Willemineke Hammer, Partner and architect, EGM architects, Netherlands**

Since joining EGM architects in 1998, Willemineke has been involved in the development of large academic institutions, general hospitals, residential care projects, and initiatives in which living as normally as possible and welfare are central themes. She is also responsible for scientific architectural research, which is core to EGM's activities.



**Yegor Tsynkevich, Founder and creative director, 415Agency, USA**

Founder and creative director of 415Agency, a digital experience design firm based in San Francisco, Yegor's expertise spans user experience and interaction design, product development, and IT business consulting. Yegor combines a strong business acumen and hands-on experience in web/app development, with a creative approach to solving design challenges.



**Zoran Djukanović, Associate professor of urban planning, urban design, urban history and public art, University of Belgrade, Serbia**

Founder of international, interdisciplinary research programme 'Public art and public space', Zoran teaches at the Faculty of Forestry, Department of Landscape Architecture and Horticulture, University of Belgrade. An author of several research books, he is a member of several management and advisory bodies of cities and public/private institutions in Serbia and abroad.





## VENUE & HOTEL ACCOMMODATION

### THE VENUE: A MODERNIST MASTERPIECE

Founded in 1518, the Royal College of Physicians' current headquarters is a Grade 1 listed building in Regent's Park, designed by architect Sir Denys Lasdun and opened in 1964. Considered a modernist masterpiece, it is one of London's most important post-war buildings. In 1992, Sir Lasdun was awarded the Royal Institute of British Architects' Trustee Medal in recognition of his work at the RCP, considered to be "the best architecture of its time anywhere in the world".

Sir Lasdun won the competition to design the new headquarters in 1959. He was surprised at being asked to design for such a traditional body, given his modernist philosophy, and he made it clear that he would not create a classical-style building. Ultimately, he responded to the challenge with a skilful integration of centuries-old traditions and his own modernist vision. As an award-winning and highly versatile venue for conferences, meetings, banquets, training and outdoor events, the building has an atmosphere of space and light, with stylish, contemporary architecture and a selection of both old and new styles.

### DISCOUNTED ROOM RATES FOR DELEGATES

The Melia White House Hotel still preserves its architectural value as a prime example of late 1930s architecture, offering an eclectic style where contemporary and classic design meet.

After a recent refurbishment, this four-star hotel has 581 rooms, 112 apartments, nine meeting rooms, two restaurants and a bar with a terrace, a fitness centre, and an executive lounge. The hotel benefits from a prime central London location in Regent's Park, within close proximity of London's main attractions and a few minutes walk from the conference venue. The hotel is served by three underground stations – Warren Street, Great Portland Street and Regent's Park – and main train stations including King's Cross St Pancras and Euston Station.

### Melia White House Hotel

**Classic Single with breakfast £170 (double rate: £180)**

**Classic King room only £200 (double rate: £210)**

**Classic King room with breakfast £215 (double rate: £225)**

**Level Executive all inclusive £260 (double rate: £270)**

Level Executive includes executive lounge access  
All room rates are VAT inclusive.

On receipt of your registration, a website link and code will be provided to enable you to book your accommodation at the above rates. Please book early to avoid disappointment.

Please mention European Healthcare Design 2017 when booking  
[www.europeanhealthcaredesign.eu](http://www.europeanhealthcaredesign.eu)

# STUDY TOURS

Participants in the European Healthcare Design 2017 Congress will get the opportunity to join three unique study tours featuring some of the UK's latest benchmark healthcare projects and architectural landmarks. Places on each tour are limited, so please register early to avoid disappointment.

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## STUDY TOUR 1: LONDON (Maximum 25 participants)

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### **New Cancer Centre at Guy's Hospital (pictured top left, and centre)**

The new Cancer Centre at Guy's Hospital, designed by Rogers Stirk Harbour + Partners and Stantec, opened in September 2016. It promises to be a hub for southeast London, providing specialist cancer services, training, development and research, which will help improve both cancer treatments and outcomes for patients. Applying a functional, state-of-the-art design, the centre is divided into 'zones' or 'villages', with most of the related treatment facilities grouped together in one place. Embedded artwork to the fabric and function of the building, together with light and outdoor spaces from balconies within each village, all play a key part in creating a positive experience for staff, patients and visitors.

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### **Architectural walk, South Bank (pictured bottom left)**

A guided walk along London's South Bank will be provided for delegates. A relaxing way to get to know the capital, this riverside tour offers several highlights, including a chance to discover the City's origins in Roman times, and opportunities to view the Tower of London, Shakespeare's Globe theatre, gothic churches, famous markets and pirate boats. The tour will also provide the chance to learn about many of the striking new buildings that are transforming London's skyline.

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## STUDY TOUR 2: LONDON (Maximum 25 participants)

### Great Ormond Street Hospital Phase 2 (pictured top left)

GOSH is an international centre of excellence in specialist healthcare for children and young people. Each year, it receives more than 268,000 patient visits, including referrals to its specialised services from hospitals across the UK, and an increasing number of overseas patients. GOSH is currently halfway through an ambitious 20-year redevelopment programme to rebuild more than two-thirds of the hospital site. The GOSH tour will include a rare pre-opening visit to the Premier Inn Clinical Building, the second part of the Mittal Children's Medical Centre. This new clinical building provides two new integrated theatres, cardiac intensive care, a high-dependency unit, a post-anaesthetic care unit, and inpatient wards for the sickest patients.

### New QEII Hospital, Welwyn Garden City (pictured top right)

The New QEII Hospital is a European Healthcare Design 2016 Award Winner. It is among the first of a new generation of NHS local hospitals integrating primary, acute and social care services to serve the local population. It replaces the 1950s QEII Hospital – one of the first purpose-built NHS district hospitals – which had reached the end of its useful life. Patient and public engagement played significant roles in the work to deliver both this £30m facility and the £150m investment to concentrate specialist acute services at the 'sister' site, the Lister Hospital, in Stevenage. Procured under an NHS LIFT Public Private Partnership, the contractual arrangements enable services to adapt as health service provision changes.



## STUDY TOUR 3: LIVERPOOL (Maximum 15 participants)

### Alder Hey in the Park (pictured top right)

Alder Hey Children's Hospital in Liverpool was a multiple award winner at European Healthcare Design 2016. Opened in October 2015, the facility covers 65,000 sqm, contains 270 beds and cost £200m. The design, by BDP, reflects the specifications of the children who helped steer the design from its inception – in particular, the desire to maintain contact with nature while in the hospital. Featuring green roofs and gardens, the Park wraps itself over and around the building. With an emphasis on high-quality personalised spaces for patients, the design provides 75-per-cent single bedrooms and impressive views of the surrounding parkland. The hospital's large technical core has 16 theatres, a 48-bed intensive care unit and a large imaging department.

### Royal Liverpool University Hospital (pictured top left)

The new Royal Liverpool University Hospital is a 95,000 sqm acute hospital designed by NBBJ and HKS. Due for completion this autumn, it's located on the existing hospital campus near Liverpool city centre. Housing 650 single beds, including 40 critical-care beds and 81 emergency assessment beds, it will be Liverpool's main emergency centre capable of dealing with major trauma. The vision of the client NHS trust is to "develop a world-class hospital in an attractive and accessible site that is an integral part of the city". The resulting hospital will be a contemporary landmark, which will reconnect and engage with the city while providing a healing environment that will enhance the patient, visitor and staff experience.

Agendas for study tours may be subject to change, owing to issues beyond the organisers' control. For the most up-to-date information, please visit [www.europeanhealthcaredesign.eu](http://www.europeanhealthcaredesign.eu)



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