

International Webinar

Healthcare Resilience to Major Disasters: Learning from the COVID-19 pandemic

ar.u. | Anglia Ruskin
University



Overview

The COVID-19 pandemic stretched for the first time ever modern healthcare systems globally. Hospitals were forced to cancel elective operations and develop new approaches for work to treat infected patients, limiting infection rates while maintaining most urgent operations. Many hospitals had issues with assets and infrastructure and were forced to close their doors. On the other hand, COVID-19 has caused a massive acceleration in the use of virtual infrastructures and has helped expand access to care at a time when the pandemic has severely restricted patients' ability to see healthcare staff. Healthcare services are now in the challenging but also potentially ground-breaking position to re-think the way they operate. This webinar aims to present the experience of hospitals internationally in order to develop a set of lessons to inform future resilience policies and plans.

Bringing together international speakers from multi-disciplinary backgrounds to share their recent research and lessons learnt with colleagues from medicine, engineering, management, policy makers and others. Issues such as the resilience of critical infrastructure and lifeline, crowding and large service demand, and planning to major emergencies will be thoroughly discussed and linked to the challenges that the NHS and other related agencies are currently going through.

This unique event is free to attend and designed to represent the complexity of healthcare. It will provide information for healthcare professionals, major emergency planners, policy makers and engineers. No matter what your background is, you'll have the opportunity to ask questions to our international speakers and gain knowledge from their experience to resolve your own problem.

Agenda

- 18:00 – 18:05:** Welcome and introduction by Dr Nebil Achour
- 18:05 – 18:20:** “Process management and outcomes during COVID-19: Experience of Istanbul City Hospital Emergency Department” by Dr Kurtulus Aciksari.
- 18:20 – 18:35:** “COVID-19 in Mid and South Essex – commitment and collaboration” by Charlotte Williams.
- 18:35 – 18:45:** “Question and answers” facilitated by Dr Nebil Achour and Dr Federica Pascale.
- 18:45 – 19:00:** “Emergency care on the front line during the COVID-19 pandemic” by Dr Enrico Dippenaar.
- 19:00 – 19:15:** “Rearrangement of healthcare facilities due to COVID-19 pandemic in Italy” by Dr Rossella Marmo.
- 19:15 – 19:30:** “COVID-19 and Pandemic Robots: Opportunities for AI to transform Healthcare Ecosystem” by Dr Marzia Hoque Tania.
- 19:30 – 19:45:** “Questions and answers and concluding remarks” facilitated by Dr Nebil Achour and Dr Federica Pascale.

Date: 27 May 2021 from 18:00 to 19:45.

Booking information:

To book your place, please use the URL or QR below. Places are limited.

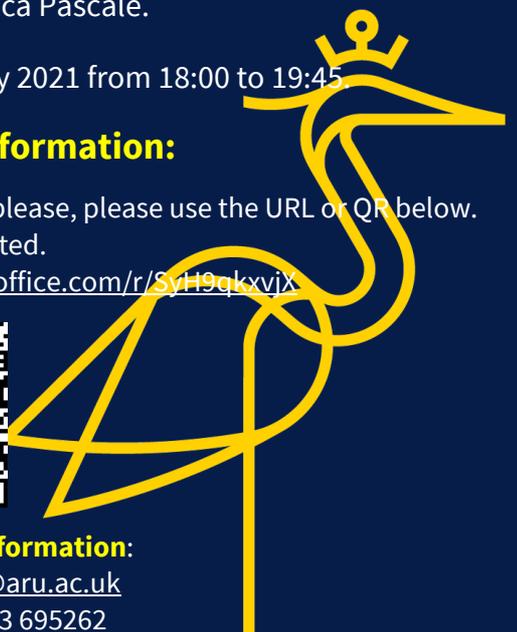
<https://forms.office.com/r/SyH9qkxviX>



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Biographies

Dr Kurtulus Aciksari



Associate Professor, Emergency Physician and Head of Emergency Department of the Istanbul Medeniyet University Goztepe Prof. Dr. Suleyman Yalcin City Hospital. Dr Aciksari is responsible for the emergency medicine residents training programme, dissertation and research projects in emergency departments. He is involved in

several international projects in Turkey, Pakistan, Libya and others. Kurtulus is Advisor to the President of the Turkish Red Crescent and is the Editor of the Turkish Red Crescent.

Dr Enrico Dippenaar



Senior Lecturer in Emergency Medicine, ARU. Paramedic by profession and champions out-of-hospital emergency care. Started his career in the fire service and pursued his studies in emergency care. He teaches paramedic science programs and conducting research through his

established Emergency Medicine Research Group.

Dr Rossella Marmo



Research Fellow in the University of Salerno and a University Teacher at the University of Naples "Federico II" with expertise is in the Design and Management of Hospitals. Rossella was a Visiting Researcher at University of Maribor, Slovenia. Dr Marmo is a BIM Consultant for

engineering studios, construction companies and international institutions such as University of Cantabria, Spain.

Dr Marzia Hoque Tania



Postdoctoral researcher at the University of Oxford, concentrating on clinical machine learning and large-scale healthcare data. Former Research Fellow of Medical Technology Research Centre, ARU. Her broader research interests focus on applied artificial intelligence (AI)

across a wide range of real-world applications. She possesses 10 years+ research and field-level experience working in the digital healthcare sector, including projects with Southeast Asian countries such as Malaysia and Thailand on AI-enabled healthcare applications.

Charlotte Williams



Director of Strategy at Mid & South Essex NHS Foundation Trust leading the MSE System Delivery Unit, and the Anchor Institution programme. Vice Chair of Ehlers-Danlos Support UK. Former Chief of Staff of the UCL Partners Academic Health Science Partnership; former member of the NHS England's Strategy Group, within national policy and strategy development, including writing the

Next Steps on the Forward View and heading up the NHS Vanguard Programme; and Founding Executive Director of the London Cancer Integrated Cancer System. Member of the Health Foundation Q Community, and has published on the topic of patient involvement in major redesign of health services. Charlotte is actively involved with several academic and non-academic organisations to support future leaders in health and care.

Dr Nebil Achour (Organiser)



Senior Lecturer in Healthcare Management with 19-year experience in healthcare resilience to major hazards. Background is in Earthquake Disaster Mitigation Engineering. Awarded 3 international prizes and published 50+ scientific articles covering issues related to the

infrastructure, management and planning of healthcare resilience. WHO Advisor, member of the Global Expert Consultation on Revision of the Hospital Safety Index, member of post-disaster international investigation teams to Algeria, Iran, Japan and Turkey, and member of 3 international journal editorial boards.

Dr Federica Pascale (Co-organiser)



Senior Lecturer in Architecture and Architectural Technology at ARU. Over ten years' international research experience in community and healthcare resilience. She has been co-leading 2 European research projects and involved in 2 UK research projects where she worked with Department of Health on its Dementia Capital

Investment Programme and is co-author of Health Building Note 08-02. In 2017 she was awarded the Emerald Literati Network Awards for Excellence as Outstanding Paper and 2015 and 2016 as Highly Commended papers.