



**PMAC** | PRINCE MAHIDOL  
AWARD CONFERENCE **2022**

**S5**

**MANAGING PANDEMICS DURING THE FOURTH INDUSTRIAL REVOLUTION  
(TECHNOLOGICAL REVOLUTION)**

## | BACKGROUND

The COVID-19 Pandemic was a showcase of how governments, industries, communities and individuals applied the state-of-art technologies to the evolving situation at ever unprecedented speed and scale. This PMAC-2022 session is dedicated to cover some recent changes / technological revolutions that are changing management of epidemics/ pandemics, highlighting challenges and opportunities. Developers, owners, users of emerging technologies will tell us about their success stories... It is truly our pleasure to provide this fantastic opportunity to learn about the futuristic views of managing epidemics and pandemics in the future. The COVID-19 Pandemic was a showcase of how governments, industries, communities and individuals applied the state-of-art technologies to the evolving situation at ever unprecedented speed and scale. This PMAC-2022 session is dedicated to cover some recent changes / technological revolutions that are changing management of epidemics/ pandemics, highlighting challenges and opportunities. Developers, owners, users of emerging technologies will tell us about their success stories... It is truly our pleasure to provide this fantastic opportunity to learn about the futuristic views of managing epidemics and pandemics in the future.

## | OBJECTIVES

To learn about innovative tools and ideas in managing epidemics and pandemics now and in the future.



Speaker

## David Heymann

*Professor, Infectious Disease Epidemiology*

London School of Hygiene and Tropical Medicine  
United Kingdom

Daniel Bausch specializes in the research and control of emerging tropical viruses, with over 25 years' experience in sub-Saharan Africa, Latin America, and Asia combating viruses such as Ebola, Lassa, hantavirus, and SARS coronaviruses. His long and diverse experience has led to him becoming a global expert and leading voice on confronting epidemics and pandemics. Dan is the current President of the American Society of Tropical Medicine and Hygiene. He places a strong emphasis on capacity development in all his projects and has a keen interest in the role of the scientist in promoting health and human rights. Dan is fluent in English, French and Spanish.

- Website: <https://www.finddx.org>