

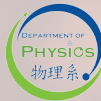
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香港浸會大學
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香港浸會大學理學院
HKBU Faculty of Science



香港浸會大學尚志會
HKBU CENTURY CLUB

Honorary Doctorate Distinguished Lecture Climate Change and Innovative Paths to a Sustainable Future



3 Dec 2021 (Friday)
9:00-10:30 a.m. GMT+8 (Hong Kong Time)



Registration:

https://qual-link.hkbu.edu.hk/se/SV_0uJNl8gIHg1tyQe



ABSTRACT

The multiple industrial and agricultural revolutions have profoundly transformed the world. However, the unintended consequence of these revolutions is that we are changing the climate of Earth. Recent data on climate change will be presented that indicates that the Earth's climate is more sensitive and is changing faster than previously. In addition to the climate risks, we face many challenges how to provide enough clean energy, water, air and food of a world of 7.7 billion people and likely to grow to 11 billion by 2100. Most of the talk will discuss the technical challenges and potential solutions that could provide better paths to a sustainable future. How the transition from where we are now to where we need to be within 30 and 50 years is arguably the most pressing set of issues that science and innovation has to address.

Professor Steven Chu

Professor, Stanford University
Nobel Laureate in Physics 1997
HKBU Honorary Doctorate Degree Recipient 2021

Prof. Chu is the William R. Kenan Jr. Professor of Physics and Professor of Molecular and Cellular Physiology at Stanford University, USA. He has published more than 280 papers in atomic and polymer physics, biophysics, biology, biomedicine and batteries, and holds 15 patents. His contributions to laser cooling and atom trapping earned him the Nobel Prize in Physics in 1997 and numerous other awards. Prof. Chu was the 12th U.S. Secretary of Energy (2009-13) in the Obama administration, where he steered plans to invest in clean energy and combat the global climate crisis.



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For enquiries, please contact Department of Physics
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