**HKU President’s Forum – Science and Society**

**Professor Steven Chu**

**Topic: Climate Change and innovative paths towards a more sustainable future**

Abstract:

The multiple industrial and agricultural revolutions have transformed the world. However, an unintended consequence of this progress is that we are changing the climate of our planet. In addition to the climate risks, we will need to provide enough clean energy, water and food of a more prosperous world that may grow to 11 billion by 2100. The talk will discuss the significant technical challenges and potential solutions that could provide better paths to a more sustainable future. How we transition to from where we are now to where we need to be within 50 years is arguably the most pressing set of issues that science, innovation and public policy have to address.

**香港大學校長論壇 – 科學與社會**

**朱棣文教授**

**演題：氣候變化與邁向可持續發展的創新道路**

多次的工業及農業革命改變了世界，但與此同時一個沒有預計過的後果，是我們也正在改變地球的氣候。除了氣候變化的威脅，世界更趨繁榮發展，至2100年人口可能達到110億人，為龐大的人口提供足夠的潔淨能源、食水和食物，是另一項重大的挑戰。今次演講將會探討科技上的主要挑戰以及潛在解決方案，為邁向可持續發展未來開闢更佳途徑。我們如何在50年間，從今天的狀態轉化至我們要達致的理想境界，可以說是在科學、創新和公共政策上最迫切要處理的議題。