NUS Real Estate Research Seminar
Prof. Steven Koonin
(University Professor at NYU and former second Under Secretary for Science at the U.S. Department of Energy)

Urban Energy
For the first time in history, more than half of the world’s population lives in urban areas; in just a few more decades, the world's population will exceed 9 billion, 70 percent of whom will live in cities.

Enabling those cities to deliver services effectively, efficiently, and sustainably while keeping their citizens safe, healthy, prosperous, and well-informed will be among the most important undertakings in this century.

I will review how work on data acquisition, integration and analysis at NYU’s Center for Urban Science and Progress is leading to a better understanding (and hence improvement) of urban systems, with a particular focus on energy and its impacts on the urban environment. Novel analyses of persistent synoptic imagery will be an important part of the story.

Steven Koonin
Professor of Information, Operations & Management Sciences
Director, NYU Center for Urban Science and Progress (CUSP)

Steven E. Koonin, a University Professor at New York University, was the founding director of NYU’s Center for Urban Science and Progress from 2012-2018.

Before joining NYU, Dr. Koonin served as the second Under Secretary for Science at the U.S. Department of Energy from May 2009 through November 2011. In that capacity, he oversaw technical activities across the Department’s science, energy, and security activities and led the Department’s first Quadrennial Technology Review for energy.

Before joining the government, Dr. Koonin spent five years as Chief Scientist for BP plc, where he focused on alternative and renewable energy technologies.

Dr. Koonin was a professor of theoretical physics at California Institute of Technology (Caltech) from 1975-2006 and was the Institute’s Provost for almost a decade. He is a member of the U.S. National Academy of Sciences and the Council on Foreign Relations. Dr. Koonin holds a B.S. in Physics from Caltech and a Ph.D. in Theoretical Physics from MIT (1975); he has authored more than 200 peer-reviewed research papers and supervised some 30 PhD theses.

21 May 2019, Tuesday
10.00am to 11.30am
SDE 4 Executive Room 1 (level 4)
(SDE4-04-01)

Register Here
Admission is free but registration is required
Or scan QR code to register