NISTH – Symposium: Modeling Social Complexity for Public Policy – The case of School Segregation

16 August 2022; 11:00AM – 12:00PM; Hybrid Event

Complex Systems span a wide range of different application areas but exhibit common systemic behaviours that emerge through the interactions of simple elements. This systemic behaviour can only be understood by holistic analysis that necessitates viewing the system as a dynamic collective of individuals. In this talk I’ll explain and demonstrate ways in which complex systems models can be applied to reason about social systems, and how these models can be used to reason about policy. In this talk, Assoc Prof Micheal Lees (University of Amsterdam), will focus on one area, that of school segregation. The issue of segregation in education can be (and has been) examined from both the individual level (e.g., parent surveys, choice analysis, etc.) or from macro-level statistics (e.g., changes in segregation level, region, city or national level). The uniqueness of a complexity science approach is the ability to connect these two levels and perhaps demonstrate that seemingly innocuous changes in individual behaviour or societal context can lead to drastic change in macro level dynamics.

More info and Registration at: Here

IN THE MEDIA

NTU faculty and staff among recipients of National Day Honours

9 August 2022

Wang Rong (Prof) - The Public Administration Medal (Silver),
Chen Lihui (Assoc Prof) - The Long Service Medal

IN EVENTS

2nd International Conference on Materials for Humanity (MH 22)

19 – 21 Sept 2022; 8:30 AM

MH 22, is organised by the MRS Singapore, showcasing the latest developments in materials science & engineering that will secure a sustainable future. NISTH Postdoc Dr Iuna Tsyrlneva, will be chairing the session on Sustainable Materials: Development & Use, under the Materials for education & communication symposium, which aims to serve as a basis for the development of guidelines in sustainable synthesis & in purpose, and function-driven application of materials. Other NISTH Fellows involved are, Prof Lee Pooi See, Assoc Prof Sierin Lim, and Assoc Prof Tan Lay Poh.

More info: Here
IEEE International Symposium on Mixed and Augmented Reality (ISMAR)  
17 - 21, October 2022; 9:00 AM – 10:00 AM (SGT)  
ISMAR is the premier conference for Augmented Reality, Mixed Reality, and Virtual Reality. Every year, ISMAR attracts a large number of world leading researchers from both academia and industry. First time in Southeast Asia, the 21st ISMAR will be held here in Singapore.  
For more info, please contact Prof Yiyu Cai  
Conference website: [Here](#)

Singapore International Energy Week (SIEW) 2022  
25 - 28, October 2022  
SIEW 2022 is an annual platform for energy professionals, policymakers and commentators to discuss and share best practices and solutions within the global space. Organised by the Energy Market Authority of Singapore, the theme for SIEW 2022 is ‘A Resilient and Sustainable Energy Future’. SIEW 2022 will discuss policies, frameworks, and best practices to accelerate the transition to a more resilient, greener and more inclusive energy future. It will also examine the opportunities and challenges as the region scales up investments and regional connectivity for a green economy.  
More info: [Here](#)

Transform MedEd 2022  
11 - 12 November 2022  
Transform MedEd 2022, (GAEIA), invites 3-4 advanced level PhD/Master level students, to join the group & work in a supported process for 8 months, from 25 Aug 2022. The program is an extension of a program just completed with a conference at Stanford (online) on May 19, 2022. They aim for diversity, are open to high level students (PhD/Master) from various areas such as engineering, law, philosophy, anthropology or other, with interest and insight into tech and the financial sector.  
More info: [Here](#)

**Contact us**

- Email: nisth-events@ntu.edu.sg
- Website: [www.ntu.edu.sg/nisth](http://www.ntu.edu.sg/nisth)