

Jointly present and invite you

Cross-Cultural Engineering Seminar Series

- 👍 Learn to connect with other cultures as part of your discipline!
- 👍 Explore how to build and develop within engineering and STEM fields!
- 👍 Experience communicating your interests with other cultures!
- 👍 Join us as we delve into bridging cultural differences within Engineering!

Interactive sessions (90 to 120 minutes) hosted on Zoom
Team activities focusing on cross-cultural themes
Teams will include mix of students UF and KU
Certificate of completion



Sessions

(1) Introduction to Cross-Cultural Engineering

Jeremiah Blanchard & Shu Seki

Students & faculty are invited to connect from KU and UF. We'll do an overview of seminars and their goals, then Q/A, with an icebreaker activity and group discussions about cross cultural engineering.

NOTE: This session is highly recommended.

UF: 2021/10/12 (Tue) 8:00 EDT
KU: 2021/10/12 (Tue) 21:00 JST

(4) Signal Processing Linguistics: Second Language Accents

Kwansun Cho & Kentaro Kaneko

Spoken language is natural to humans – but how do foreign accents (FA) of second language learners play a role, and how can technology help us address the challenges accents pose?

UF: 2021/11/3 (Wed) 19:30 EDT
KU: 2021/11/4 (Thu) 8:30 JST

(2) Human Centered Design

Andrea Goncher, Kazuaki Yorozu & Amanpreet Kapoor

Human-Centered Design (HCD) focuses on end-user needs, including people from different cultures. What tools are used by designers to craft experiences, and how do we create engineering design solutions for a user populations around the world?

UF: 2021/10/20 (Wed) 8:00 EDT
KU: 2021/10/20 (Wed) 21:00 JST

(5) What is the Future of the Home?

Yosuke Komiyama & Kevin Butler

COVID-19 has forced us to rethink daily life through in remote work and communication and interest socially distant workspaces where we live. We'll discuss the role of engineering in the future of the home.

UF: 2021/11/10 (Wed) 19:00 EDT
KU: 2021/11/11 (Thu) 9:00 JST

(3) Automation in the 21st Century

Hitomi Greenslet & John Schueller

The Industrial Revolution evolved from mechanization. Industry 4.0 brought “smart” manufacturing, including cyber-physical systems (CPSs) and the Industrial Internet of Things (IIoTs), along with new concerns/opportunities.

UF: 2021/10/28 (Thu) 8:00 EDT
KU: 2021/10/28 (Thu) 21:00 JST

(6) New technology & manufacturing aimed at sustainable society

Hiroshi Takatsu & Gloria Kim

There has been a growing demand for the advanced functionality of materials and devices to solve diverse social requirements such as renewable energy and advanced energy management reducing CO₂. We will discuss technologies and manufacturing aimed at such a sustainable society.

UF: 2021/11/18 (Thu) 19:00 EDT
KU: 2021/11/19 (Fri) 9:00 JST

SCHEDULE & REGISTRATION

View full abstracts for all sessions
<https://cpe.eng.ufl.edu/cross-cultural-engineering-seminar-series/>

