

Universities 5.0: Education, Research, Collaboration, Industry Engagement and Entrepreneurship

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In today's complex and challenging times, research universities are being increasingly called upon to serve a unique and vital role in society: simultaneously providing students with a global education, creating new knowledge and discoveries to improve lives and solve the World's problems through research and international collaboration, partnering with industry, translating technology to practice, and driving economic growth and employment through startup creation. To perform and integrate these functions well, universities must frequently update or re-invent themselves in order to stay relevant.

In this panel, representatives from two forefront institutions will discuss their approach to engaging in research, industry interaction, technology transfer, entrepreneurship, and startup creation, to be prepared for the future. MIT, an esteemed U.S institution long recognized as a world leader across all of these areas, has recently launched billions of dollars worth of industry and international collaborations, and in 2019 re-imagined and re-structured both its academic structure and its research management framework. The University of Tsukuba, a young, up-and-coming Japanese university strategically located in Tsukuba Science City, already ranked among Japan's Top 10 schools, is now 3rd in patents and venture investment, and is deeply engaged in expanding its innovation ecosystem locally and across the globe.

Panelists and the audience will share their perspectives and discuss.

Keywords: Collaboration, Industry, Entrepreneurship