Center for Architecture Science and Ecology

Rensselaer

October 19, 2023

FOR IMMEDIATE RELEASE

CASE Faculty Invited To Speak at NYS Innovation Summit

"Advanced materials must be good citizens of the planet."

TROY, N.Y. — Alexandros Tsamis, the associate director of the Center for Architecture, Science, and Ecology (CASE) at Rensselaer Polytechnic Institute, recently spoke at the New York State Innovation Summit. Tsamis was invited to participate in the panel discussion on materials innovation for manufacturing sustainability.

Tsamis examined the potential impact for advanced materials in the construction industry and how sustainability might influence the shift of global research and translation in New York.

"As we evolve as a society, we have to divorce ourselves from the ethos of industrial production and become more conscious of the lifecycles of our materials," Tsamis said. "Similar to how we can no longer pretend that the chicken comes from the supermarket, we also need to acknowledge the environmental impact of our materials and construction processes. As designers we are responsible for creating economies of material production that are resilient and circular in nature.

Other participants included John Simmins from the New York State Center for Advanced Ceramic Technology, Shay Harrison from Free Form Fibers, and Asmita Baruah from Tapecon. The panel was moderated by Donna Howell, the director of industry outreach at the Cornell Center for Materials Outreach.

More than 400 people and 100+ exhibitors attended the Summit.

New York State Governor Kathy Hochul and Rensselaer President Martin Schmidt were among the keynote speakers at the event.

Sponsored by Fuzehub, the NYS Innovation Summit is a premier conference showcasing emerging technologies that support innovation and manufacturing advancement while celebrating New York state leadership in economic growth.

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About CASE: Since 2007, the Center for Architecture, Science, and Ecology at Rensselaer has driven innovation in architecture and the built environment through a unique collaboration among academic faculty and students, research teams, and professional firms. CASE takes an integrated science, engineering and tech startup inspired approach to advancing building capabilities across architecture, construction, technology and product supply chains, with the goal of advancing sustainable, resilient and healthy environments. Students work together with faculty and industry professionals to invent new building system strategies applied to real world, built projects. With locations in Brooklyn and the Capital Region in upstate New York, CASE targets innovations that foster building industry and macro-economic improvements in the New York City, state and global building industries.