Educating Designers for Generative Engineering (EDGE)

- A Generative Design Workshop

121 Seaport Blvd, Boston, MA, 02210
May 22-24, 2024

**Hybrid (In-person and virtual)
Travel Support is Available for
In-person Attendees by NSF**

Background: The EDGE project is funded by the National Science Foundation (NSF) with goals to define, implement, and disseminate generative design thinking, a new form of design thinking enhanced by generative AI, to facilitate the teaching and learning of generative design at undergraduate levels.

Workshop Goals:
1. Best practices for teaching generative design and generative AI in engineering.
2. Idea exchange on generative design curriculum development.
3. Industrial-academia collaboration for cutting-edge developments in generative design research and computer-aided design (CAD) education.

Highlights:
- **Industrial session** led by PTC and Institute for Future Intelligence (IFI) on showcasing cutting-edge CAD software, including Creo, Onshape, and Aladdin.
- **Curriculum demonstrations** with insights of experienced instructors from up to ten universities and colleges.
- **Roundtable sessions** to discuss the implementation of generative design curriculum and exchange best ideas of teaching generative design.

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