The Ripple Effect: How Nanni Transformed Careers and Communities

Ayse K. Coskun

Professor, Electrical and Computer Engineering

Director, Center for Information & Systems Engineering (CISE)

Boston University

A Brief Timeline

2005

TCAD Donald O. Pedersen Best Paper Award, 2024

A Brief Timeline

2005

2008

2009

UC San Diego

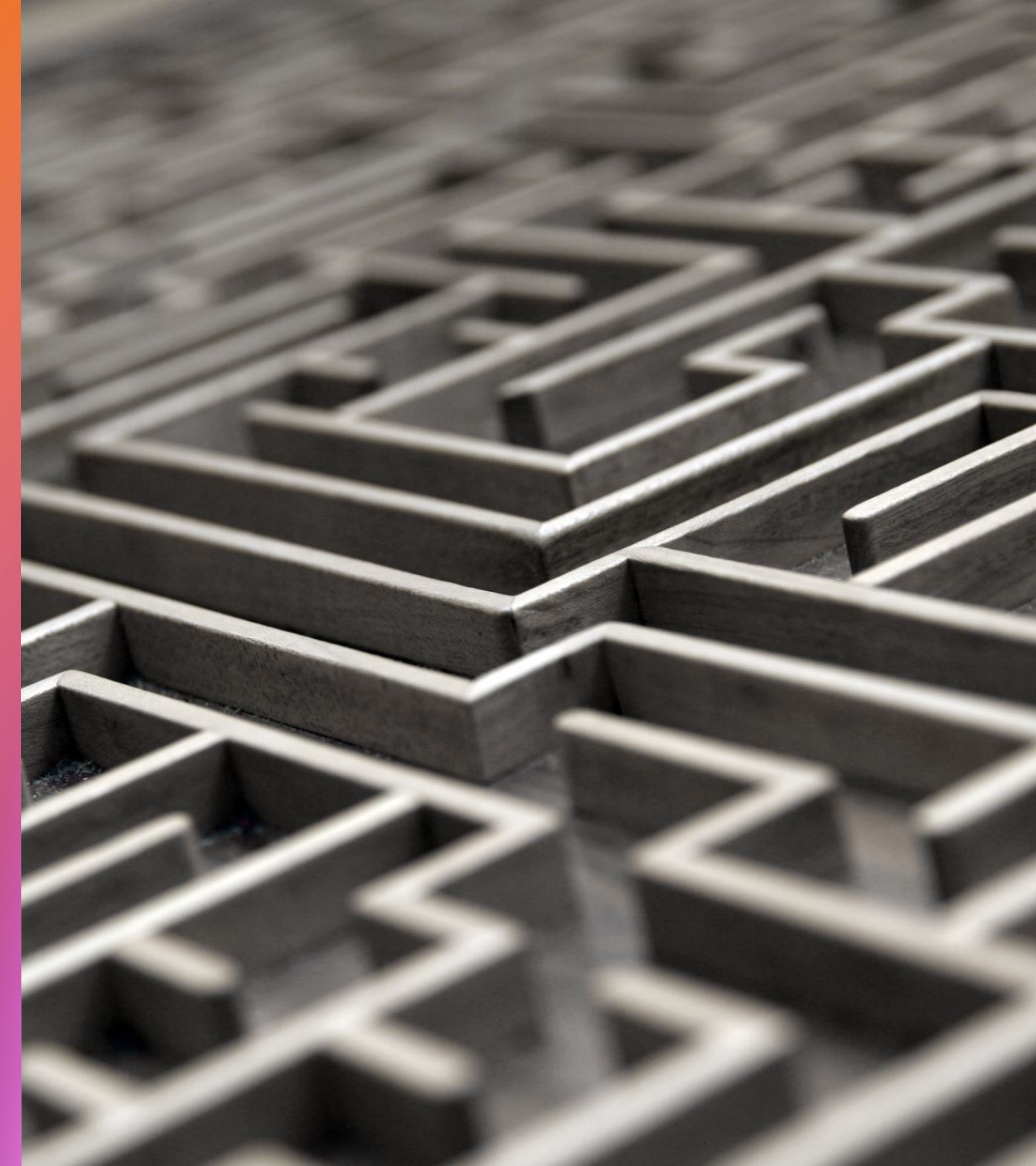BOSTON UNIVERSITY

1. Inspiration

- Get inspired and inspire
- **How an academic life should be lived**
  - Innovation
  - Building things
  - Creating waves

2. Community

- People, people, people....
  It's about the people!

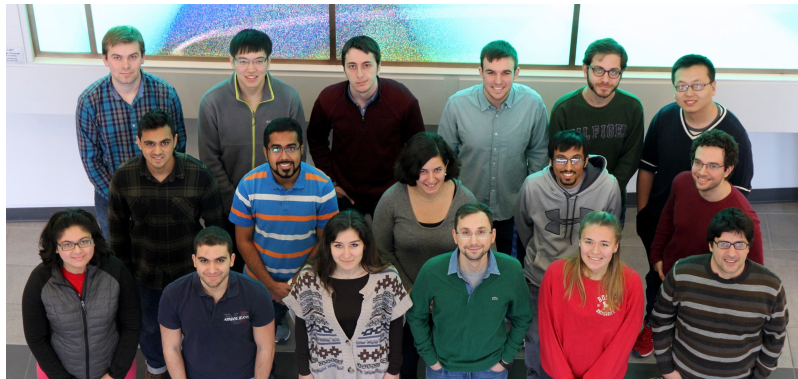- Support, organize, give back

3. Impact

- Long-hauled, difficult problems

- Build on emerging trends (not jump on hypes)

- Revisit (old) problems, innovate

Energy-efficient and sustainable computing, data centers and power grid, AI-powered analytics for resilience, security, and efficiency in computers, systems with emerging technologies (3D, photonics, etc.)

15 PhD Alumni, numerous undergraduate researchers, outreach programs, and many collaborations