Stanford

Ade Mabogunje

Sr Research Engineer

Mechanical Engineering

Bio

BIO

Ade Mabogunje conducts research on the design thinking process with a view to instrumenting and measuring the process and giving feedback to design thinking teams on ways to improve their performance. He works in collaboration with partners in the engineering education, design practice and investment community as a participant-observer in the practice of building and developing ecosystems that support accelerated and continuous innovation in products and services. Prior to this he was the associate director of the Stanford Center for Design Research (CDR). He was also the lead of the Real-time Venture Design Lab program (ReVeL) in the school of Humanities and Sciences. His industry experience includes engineering positions at the French Oil Company Elf (now Total) and research collaboration with Artificial Intelligence Scientists at NASA Ames. He has publications in the areas of design theory and methodology, knowledge management, emotions in engineering, design protocol analysis, and engineering-design education.

ACADEMIC APPOINTMENTS

- Sr Research Engineer, Mechanical Engineering

PROFESSIONAL EDUCATION

- PhD, Stanford University , Mechanical Engineering - Design Process (1997)
- MS, Stanford University , Mechanical Engineering (1990)
- B.Sc. First Class, University of Lagos , Mechanical Engineering (1984)

PATENTS

- Adegboyega Mabogunje, Neeraj Sonalkar, Larry J. Leifer, Shashikant Khandelwal. "United States Patent 9710787 Systems and Methods for Representing, Diagnosing, and Recommending Interaction Sequences", Leland Stanford Junior University, Jul 18, 2017

Teaching

COURSES

2023-24

- Capital-Formation Design Theory in Practice: ENGR 306 (Spr)

2022-23

- Capital-Formation Design Theory in Practice: ENGR 306 (Spr)

2021-22

- Engineering Design Theory in Practice: ME 306A (Aut)
- Engineering-Design Capital-Formation Theory in Practice: ME 306B (Spr)

2020-21

- Engineering Design Theory in Practice: ME 306A (Aut)
- Engineering-Design Capital-Formation Theory in Practice: ME 306B (Spr)