Dr. Yao-Yi Chiang is an Associate Professor in the Department of Computer Science & Engineering at the University of Minnesota. Dr. Chiang's research interests are in spatial artificial intelligence. His work focuses on developing innovative AI methods to decode the complex interplay between environmental systems and human activity—often using sparse, uneven, and multi-scale spatiotemporal data. Dr. Chiang's research has received support from leading federal agencies such as NSF, NEH, NIH, DARPA, IARPA, and NGA, as well as industry leaders including NTT Global Networks and BAE Systems. He has served as a visiting researcher at Google AI, a machine learning consultant at Meta, and the Chief Scientist at AirMap, a pioneer in drone airspace management. Dr. Chiang founded the Kartta Foundation, a nonprofit organization dedicated to assembling and refining geographic data for the public good. The foundation now manages Kartta Labs, originally launched at Google.

A person in a white shirt

AI-generated content may be incorrect.