

INTELLIGENT CULTIVATION OF URBAN ECOSYSTEMS

Workshop on A.I. + X.R. for Gardens

DECEMBER 1, 2023, 1-5PM @ PLANT SCIENCE FACILITY



ABSTRACT

Researchers from the University of Florida and industry will discuss artificial intelligence (A.I.) and augmented / virtual reality ("extended reality" or "X.R.") for the cultivation of ecological urban landscape gardens. Topics include computer vision and machine learning, 3D reconstruction, software for ecosystem design and maintenance, plant databases, natural language processing of plant text data, and recommender systems for selecting plant species and intelligently placing them in 3D X.R.

PRESENTATIONS & DISCUSSION LED BY

Professor Howard Beck + Professor Eban Bean
UF Agricultural & Biological Engineering

Professor Ryan Klein
UF Environmental Horticulture

Austin Stanbury + Ines Said
Augmented Info Systems, LLC

Dr. Rob Cohn + Lance Legel
3co.ai

OPEN INVITATION FOR R&D COLLABORATORS

Students, researchers, designers, architects, engineers, and gardeners are invited to join us in exploration and discussion, in person or online.

CONTACT

For inquiries, please contact:

- Howard Beck (hwb@ufl.edu)
- Lance Legel (lance@3co.ai)

LOCATION

- Plant Science Facility, Room PS5
2475 Memorial Rd, Building #1200
Gainesville, FL, USA 32611
[Google Maps](#) | [Campus Map](#)

- [Zoom Video Link](#) or QR Code

