



# PLANT ROOT SCIENCE CONSORTIUM

**NOVEMBER 7, 2018 • 3:00PM**  
**UF/IFAS • Gainesville, FL**  
McCarty Hall D • Room G001



## **WELCOME AND INTRODUCTIONS**

Jackie Burns, *Dean for Research*  
Diane Rowland, *Center for Stress Resilient Agriculture*  
Lorenzo Rossi, *Plant Root Science Consortium*

## **GUEST LECTURE**

Christopher Topp  
*Donald Danforth Plant Science Center (St. Louis, MO).*

## **PANEL DISCUSSION SHOWCASING ALL THE ROOT GROUPS AT UF**

*5 minutes presentation for each group/faculty*

## **CONCLUSIONS**

## **SOCIAL - 5:15 PM**

## **PLEASE JOIN US IN PERSON OR REMOTELY:**

<https://ufl.zoom.us/j/3520015555>

For more information or to arrange a meeting with  
Dr. Topp, please contact Lorenzo Rossi, UF/IFAS IRREC  
[l.rossi@ufl.edu](mailto:l.rossi@ufl.edu) • 772.577.7341

## **CHRISTOPHER TOPP**

*Christopher Topp takes a phenomics approach to study crop root growth dynamics in response to environmental stress such as drought and rhizosphere competition, and as a consequence of artificial selection for agronomically important traits such as Nitrogen uptake. Studying roots requires the development of imaging technologies, computational infrastructure, and statistical methods that can capture and analyze morphologically complex networks over time and at high-throughput. His lab combines expertise in imaging (optical, X-ray CT, PET, etc.), computational analysis, and quantitative genetics with molecular biology to understand root growth and physiology.*

*Dr. Topp will be happy to meet with individual faculty or lab groups.*