

18th Annual National



## ► TECHNOLOGY PRESENTATION

Program 1T-2

### ► Cotton, Rice, And Soybean Apps For Connected Farmers

**Presented by Dr. Dharmendra Saraswat**

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The University of Arkansas System, Division of Agriculture has been engaged in providing research-based information mostly through printed publications, websites, web-based calculators, field visits etc. In recent years, increasing use of mobile devices (smartphones, tablet laptops, iPad) by agricultural stakeholders (farmers, consultants, county agents etc.) has created a need to develop mobile applications (popularly known as “apps”) for sharing latest research recommendations. The remote location of farm fields usually requires that agricultural apps are designed to be used in an environment with either no or poor wi-fi connections. This session will include an exposure to apps developed for Cotton, Rice, and Soybean crops that works both under wi-fi available and wi-fi absent environments. The majority of apps included in the session have been designed for Android tablets and smartphones but a few of them are also available for iOS devices (iPad and iPhone). The purpose of the apps is to reach broad audiences and on-the field communication of research-based information to the stakeholders. Participants will learn to access latest news, crop management guidelines, calibration of seed drill and harvest capacity determination, node-about-white-flower monitoring, field guides etc. Latest update to Flag the Technology Cloud (FTTCloud) app for Android and iOS devices will also be shared.

