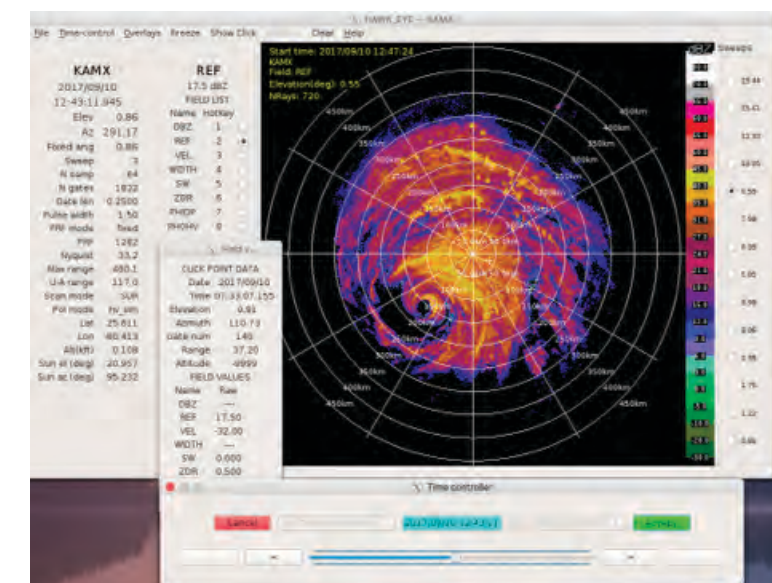


# **LROSE:** **Lidar-Radar Open Software Environment**



- LROSE is a joint 4-year project between Colorado State University and the National Center for Atmospheric Research funded by NSF SI2-SSI to develop common software for the LIDAR, RADAR and Profiler community
- The 1st LROSE community workshop was held in April 2017. Focus on key applications as ‘building blocks’, allowing users to assemble trusted, reproducible workflows to accomplish more complex scientific tasks
- LROSE **“Blaze”** released in 2018 in a **“Virtual Toolbox”** Docker container or as C++ compiled native apps focused on data Conversion, Display, and Gridding. Additional tools for QC, Echo, and Wind analysis are in development



**HawkEye Display of  
Hurricane Irma (2017)**

***[nsf-lrose.github.io](https://nsf-lrose.github.io)***