

MegaPixel Madness: technologies for ultra-high resolution display systems

While much has been accomplished in the field of artificial intelligence regarding design of smart pattern recognizers, the human mind still remains the best general-purpose pattern recognizer. The field of visual analytics has attempted to leverage these human computational resources to solve complex problems through interactive visualization. Ultra-high resolution display systems have been shown as an effective tool for large scale data analysis as massive amounts of data can be analyzed simultaneously by multiple users. This talk will focus on the technologies used to build and drive these types of systems as well as discussion of the current research utilizing ultra-high resolution displays.