

## Machine Learning and CyberInfrastructure for inkID and trans-modal rendering

*Monday, 21 March 2022 16:45 (15 minutes)*

How can we turn back the clock on damaged, fragile manuscripts? X-ray CT allows us to see the detailed internal structure of scrolls and books, but alone does not reverse any of the damage that occurred. This talk discusses how we use machine learning to enhance the results of X-ray CT, restoring artifacts to their full original splendor by revealing otherwise invisible inks, virtually reversing physical damage, and generating full color images.

**Presenter:** Dr PARSONS, Stephen (University of Kentucky)

**Session Classification:** Humanities, Arts & Social Sciences Applications