

Accelerating Science and Learning, Part 2: The Breakthrough and the Next Stages in the Digital Restoration of Damaged Historical Material

Wednesday, March 27, 2024 9:00 AM (40 minutes)

This talk continues the story of virtual unwrapping with a victorious return to the stage at ISGC 2024. Last year we predicted an unprecedented breakthrough with the help of an international competition called the Vesuvius Challenge. This talk will fulfil that promise and describe how we have captured the imagination of a diverse, global audience, through the virtual unwrapping of one of the iconic scrolls from Herculaneum. Aligned with the theme of ISGC, I will describe the crucial role that cloud computing has played in the application of computationally intensive AI techniques applied to this problem at scale within the competitive scheme of the Vesuvius Challenge. I will conclude by revealing the upcoming activities we are planning in order to deliver a corpus of material from the ancient world that stands to be the largest revelation of classical material since Italian Scholar and Renaissance Humanist Poggio Bracciolini was rescuing manuscripts in 1416.

Presenter: SEALES, Brent (University of Kentucky)

Session Classification: Keynote Speech