

The DP3 Project: Digital Print Preservation Portal

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Abstract: The Image Permanence Institute at the Rochester Institute of Technology is currently creating their Digital Print Preservation Portal (DP3). The goal of this project is to provide science-based information to archivists that will aid them in understanding and caring for modern digitally printed materials – inkjet, dye sublimation, and electrophotographic. In order to meet this goal, IPI is conducting extensive research into the effects of environmental forces – heat, moisture, pollution, and light – on the long-term stability of these objects. Additionally, IPI is investigating potentially harmful chemical and physical interactions between these materials and common enclosures used in archives. Finally, work is also being performed to understand the sensitivity of these materials to water damage as caused by flood. The result of the above research will be distilled into recommendations to archivists on the care and handling of these new materials. The project findings and additional information will be presented on a unique website DP3Project.org. The site will also provide descriptions of the technologies, a historical time line, a glossary, and an interactive identification tool to help archivist recognize these materials in their collections. This poster presentation will provide an update on the current status of the work as well as preliminary results.

About the author:

Daniel Burge, senior research scientist, received his B.S. in Imaging and Photographic Technology from the Rochester Institute of Technology in 1991. He has worked full time at IPI since 1990. The focus of his research at IPI has been the chemical and physical interactions between imaging media and storage enclosures, including the development and improvement of testing methods. Currently he is leading IPI's investigations into digital hard copy stability and storage issues.