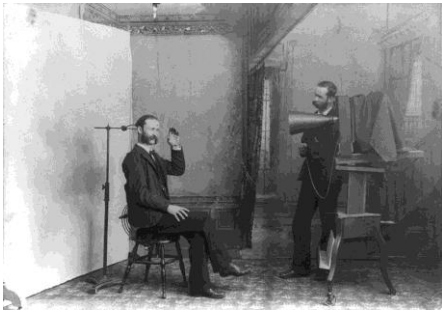


Fundamentals of the Conservation of Photographs



SESSION: Identification of Non-Silver Photographic Processes

INSTRUCTOR: Dusan Stulik

SESSION OUTLINE

ABSTRACT

This session focuses on the history and identification of all major classes of non-silver photographic processes and process variants using both visual and microscopic clues and advanced methods of instrumental analysis.

LEARNING OBJECTIVES

As a result of this session, participants should be able to:

- Understand reasons for a quest for permanent photographic processes
- Understand Non-silver light sensitive compounds and materials
- Identify all major non-silver photographic processes and process variants
- Learn of possible identification problems when dealing with non-silver photographic processes
- Become familiar with modern so called Alternative photographic processes
- Be aware of the future of silver and non-silver photographic processes

CONTENT OUTLINE

- Hands-on laboratory session focused on identification of all major non-silver photographic processes and process variants.
- Topics:
 - History of non-silver photographic processes following the 1855 Fading Committee study
 - Photographic processes based on the light sensitivity of iron salts (Platinotype, Palladiotype, Kallitype, Van Dyke prints, Cyanotype and less common iron based photographic processes)
 - Photographic processes based on photo sensitivity of chromium salts (carbon printing, pigment printing, oil printing, bromoil printing)
 - Problem of identification of carbon transfer images on different substrates and carbon, oil and bromoil transfers on secondary paper substrate
 - Other important non-silver photographic processes

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