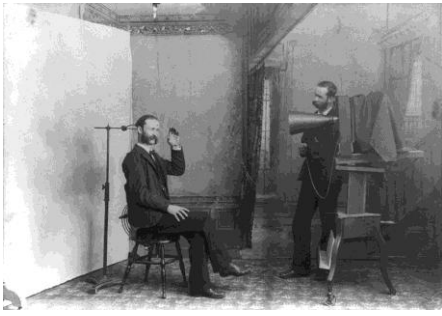


Fundamentals of the Conservation of Photographs



SESSION: Identification of Silver Based Photographic Processes

INSTRUCTOR: Dusan Stulik

SESSION OUTLINE

ABSTRACT

Identification of all major silver based photographic processes and important process variants using basic visual and microscopic process signatures and advanced analytical methods (XRF and FTIR).

LEARNING OBJECTIVES

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

- Understand all major silver based photographic processes and important process variants that can be found in photographic collections.
- Learn basic visual and microscopic signatures of silver based photographic processes and understand when and how the advanced method of instrumental analysis might aid the identification process.
- Understand the most important identification problems.
- Understand limits of nondestructive analysis and ethics of sampling of photographic material.

CONTENT OUTLINE

- Hands-on laboratory session focused on identification of silver based photographic processes.
- Topics:
 - History of silver based photographic processes
 - Silver based negatives (paper, glass, film)
 - Silver based prints (photogenic drawings, salt paper, albumen, collodion, mat collodion, gelatin based processes and process variants)
 - Instant B&W photographic processes
 - The methodology of identification of silver based photographic processes

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