



**DIGITAL RECONSTRUCTION OF PHOTOGRAPHY  
COLLECTION - A CASE STUDY OF TYINE SAVIA**

**SATU SAVIA HELSINKI CITY MUSEUM**

# RESEARCH QUESTIONS

- Is it possible to reconstruct digitally a collection of Tyyne Savia's photographic portraits from 1920s
- Is it possible by digitally reconstructed collection to get relevant understanding of Savia's photographic style and expression?



# RESEARCH MATERIAL AND METHODS

- Material: digitized portraits found online (e.g. Finnish National Digital Library Finna.fi)
- Methods: data collecting, close reading and image analysis



# PERFECT WORLD – EXISTING COMPLETE COLLECTION



# NOT PERFECT WORD – NO COMPLETE COLLECTION

- Long career (1901-1959)
- Thousands of portraits
- No existing complete collection
- Archives arranged alphabetically



# PHOTOGRAPHIC EXPRESSION



Tyyne Savia, 1920', photo Savia. Helsinki City Museum. 11x7



Aino Achté, 1925, photo Atelier Paris. The National Board of Antiquities. 22 x 16

# SOLUTION? DIGITAL RECONSTRUCTION

Timing

Lightning

Composition

Image size

Printing material

Retouching of the  
negative

Retouching of the print

Original black and white  
tones

