

# Preserving War Memories and Promoting Peace through AI Colorization Technology

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## Introduction

80 years after the war → the memories of war fade away → perceive war as a thing of the past → unable to recognize **the importance of peaceful everyday life**

## Coloring Photos by Using AI

By selecting photographs of pre-war everyday life, **one can feel the cruelty of war that robs us of our peaceful lives.**

### ① Colorized by AI

- “colorize”(web tool)
- Prof. Watanabe (Tokyo University)

### ② Pursue the truth

- “GIMP”(software)
- interview (atomic bomb survivors, photography experts)



## Result

By colorizing photographs, we can more vividly imagine the lives of people from that era.

## ★ Discussion

AI isn't always correct, so by **conversing with people** from that era and with experts, we can better connect with the past.



## Exhibition Activities and Survey

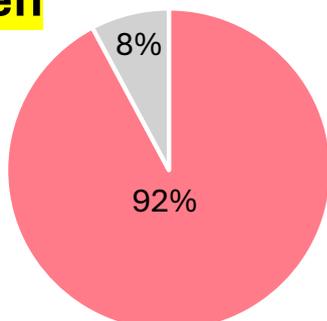
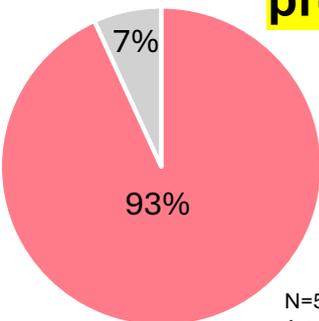
- the Atomic Bomb Museum (Aug.)
- the Culture Festival (Sep.)



Colorization makes everyday life of the past more vivid?

**proven**

Colorization improves the effectiveness of historical images of war?



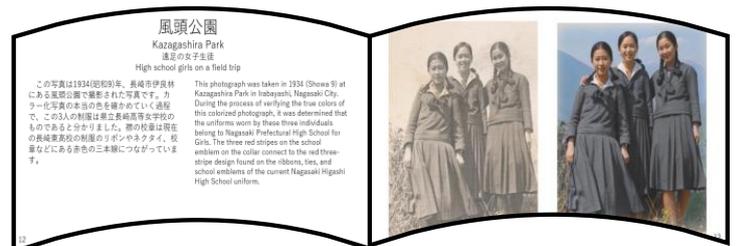
N=500  
Age:10-80  
(from all over the world)

■ yes ■ no

■ yes ■ no

## Prospects

- photo book
  - ➔ A map showing their current locations
  - ➔ Crowdfunding
  - ➔ Donate to the United Nations and 35 other organizations.



map