

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)



Historical



AI



Realistic

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

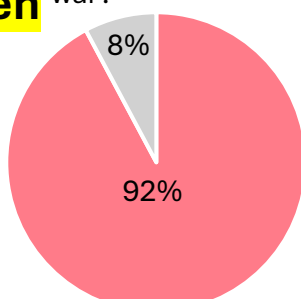
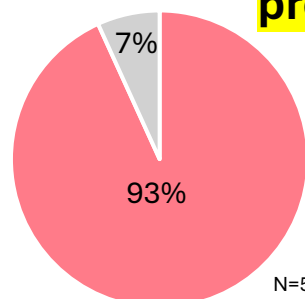
- the Atomic Bomb Museum (Aug.)
- the Culture Festival (Sep.)



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)

Prospects

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



map