

Humanity and AI: Moving Towards an Era of Co-Creation

The Practical Applications and Future of AI

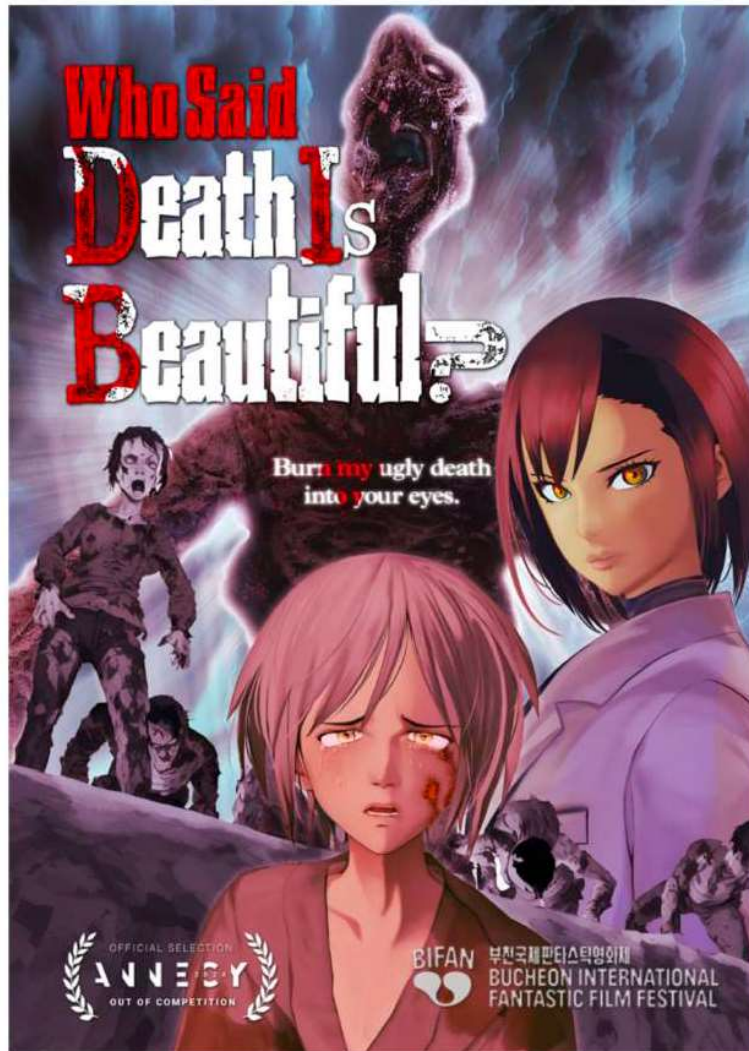
Nakajima Ryo



Beginning operations in late 2022

Opening a motion capture studio





Introducing Generative AI

“Who Said Death Is Beautiful?”

2024

•France

Anney International Animation Film Festival

•South Korea

Bucheon International Fantastic Film Festival

Enhancing the Quality of Details



Original

StableDiffusion

Oil Painting-Style AI Rotoscoping



Transfer to Japanese Anime Style



AI in VFX



Actual Film

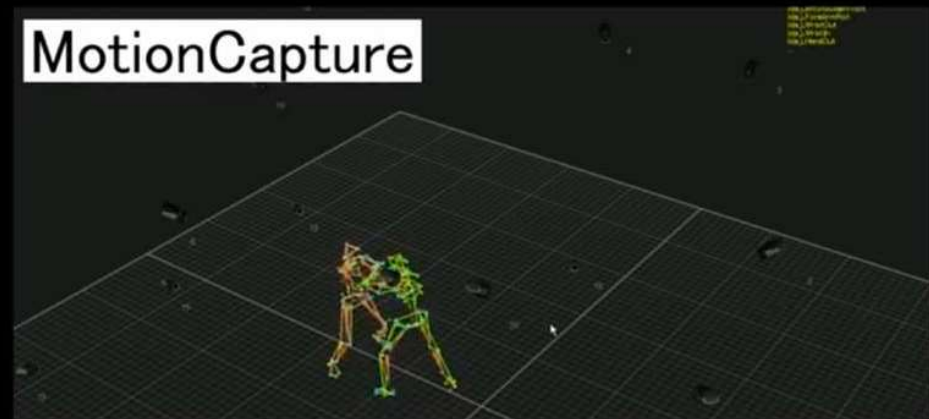


Shot like a stage play
without storyboards or cuts

Actor



MotionCapture



Actual Film



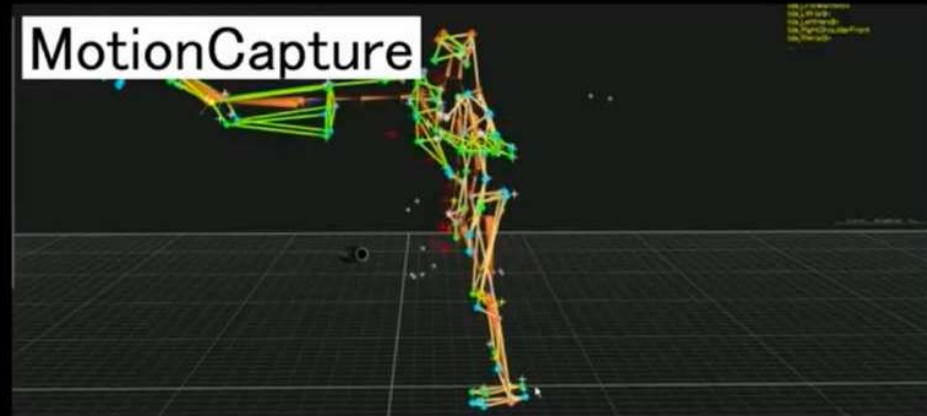
Immediately realize ideas,
even for unscripted scenes

Actor



Camera 7

MotionCapture



About Virtual Camera



Lighting with iPad

iPad Scene View



Camera Angle for Lighting



iPad Light Control



Stable Diffusion

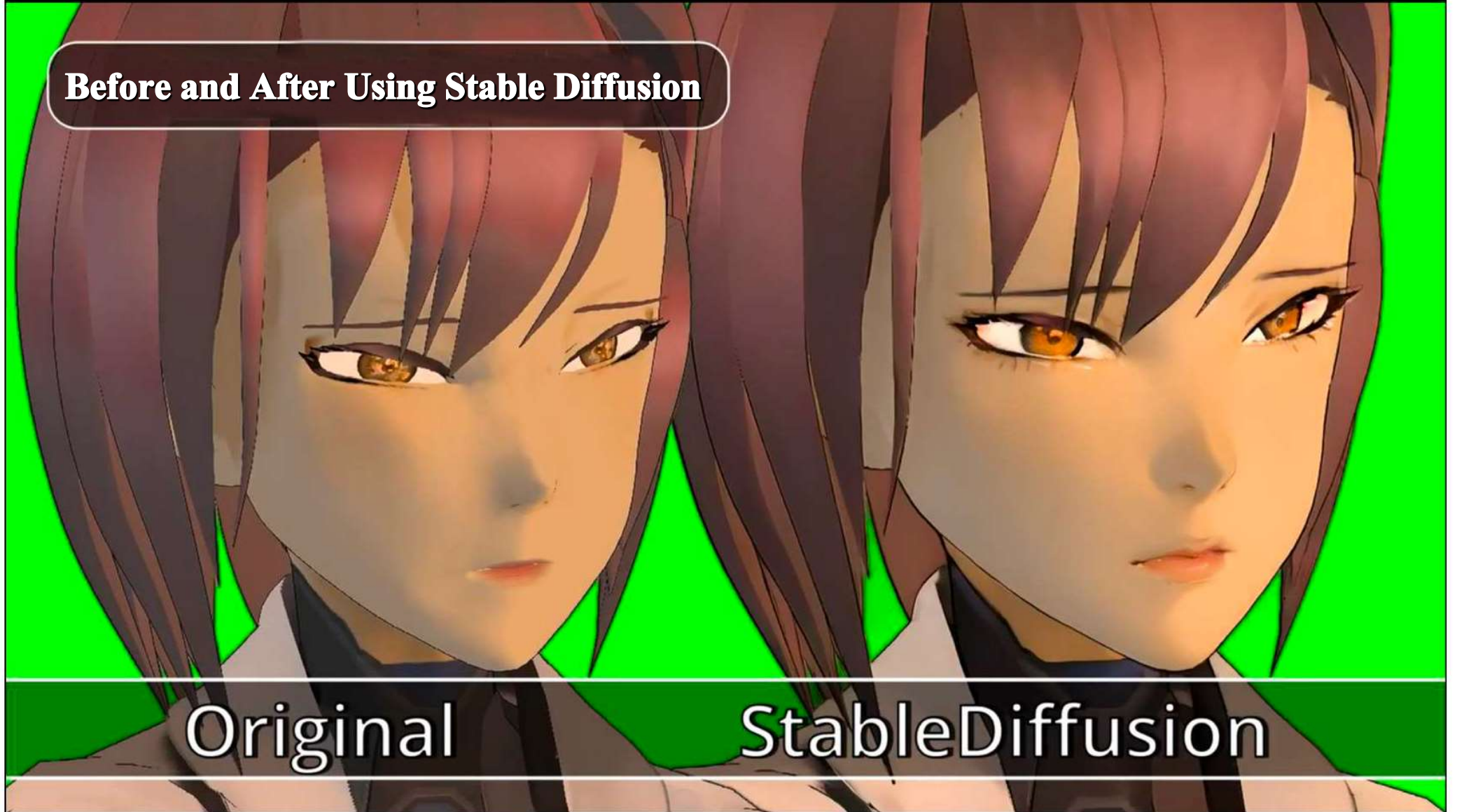


Original



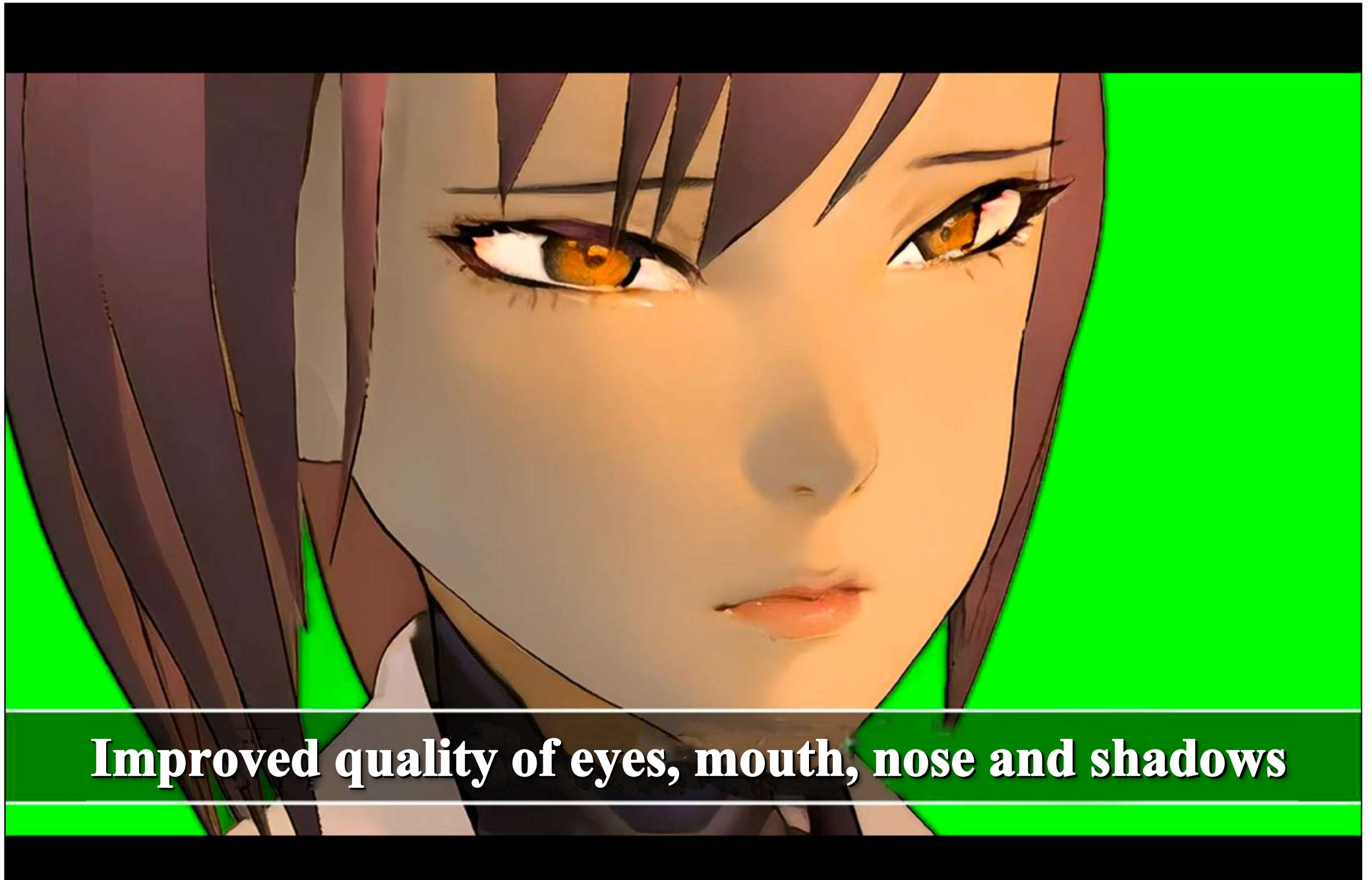
Final shot

Before and After Using Stable Diffusion



Original

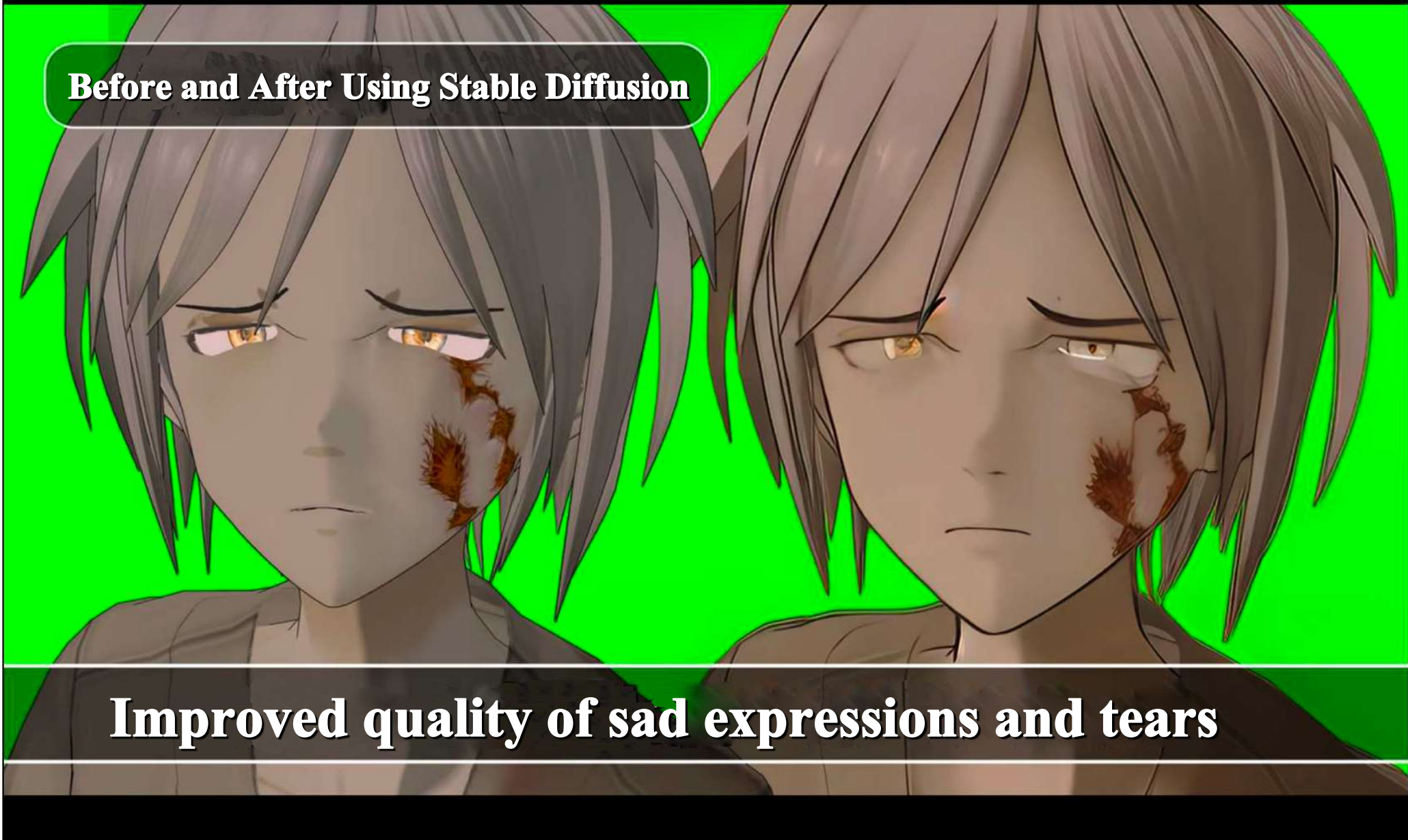
StableDiffusion



Improved quality of eyes, mouth, nose and shadows

Before and After Using Stable Diffusion

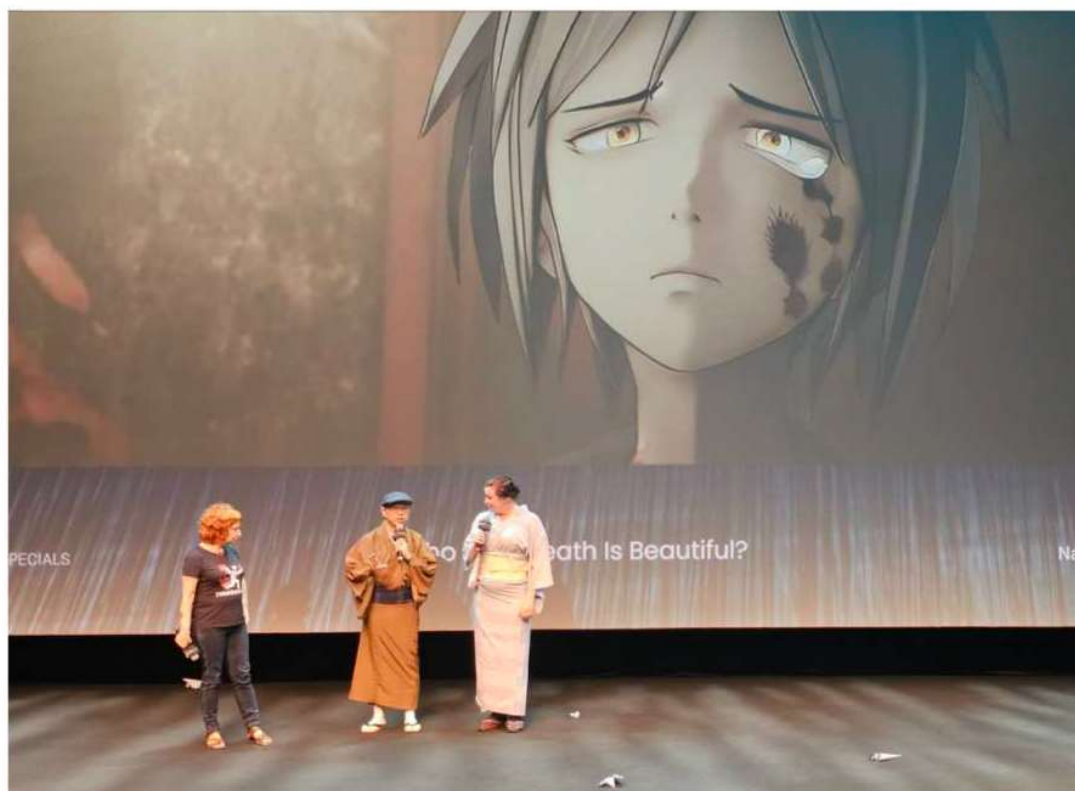
Improved quality of sad expressions and tears



**The work both attracted attention and drew
much criticism for its use of generative AI**

Differences in reception at international film festivals

Annecy International Animation Film Festival



Differences in reception at international film festivals

Bucheon International Fantastic Film Festival



Introduction of AI to Japanese video production

- **Assistance with labor shortage**
- **Reduction of working hours**
- **Improvements to safety**

The potential of AI in the fields of 3DCG and VFX



Rokkakkei (@fairyloans)

**Example:
Fighting zombies
in ruins**

Creating 3D models with AI



Improving detail in still images and creating video





**Using AR and AI
for live action**





**Compositing
actor's faces**

Creating a 1-minute video using i2v and v2v



AI Challenges

- **Difficulty with creating consistent footage**
- **Doesn't understand directorial intent**
- **Simply combines materials trained on and creates an output**

Using AI is a choice of compromise

**A powerful tool when you need to express
yourself with limited resources**

**Will AI give rise to new forms of expression
and new forms of storytelling?**

What does the future of co-creating with AI hold?

The AI-native generation will grow up alongside AI