

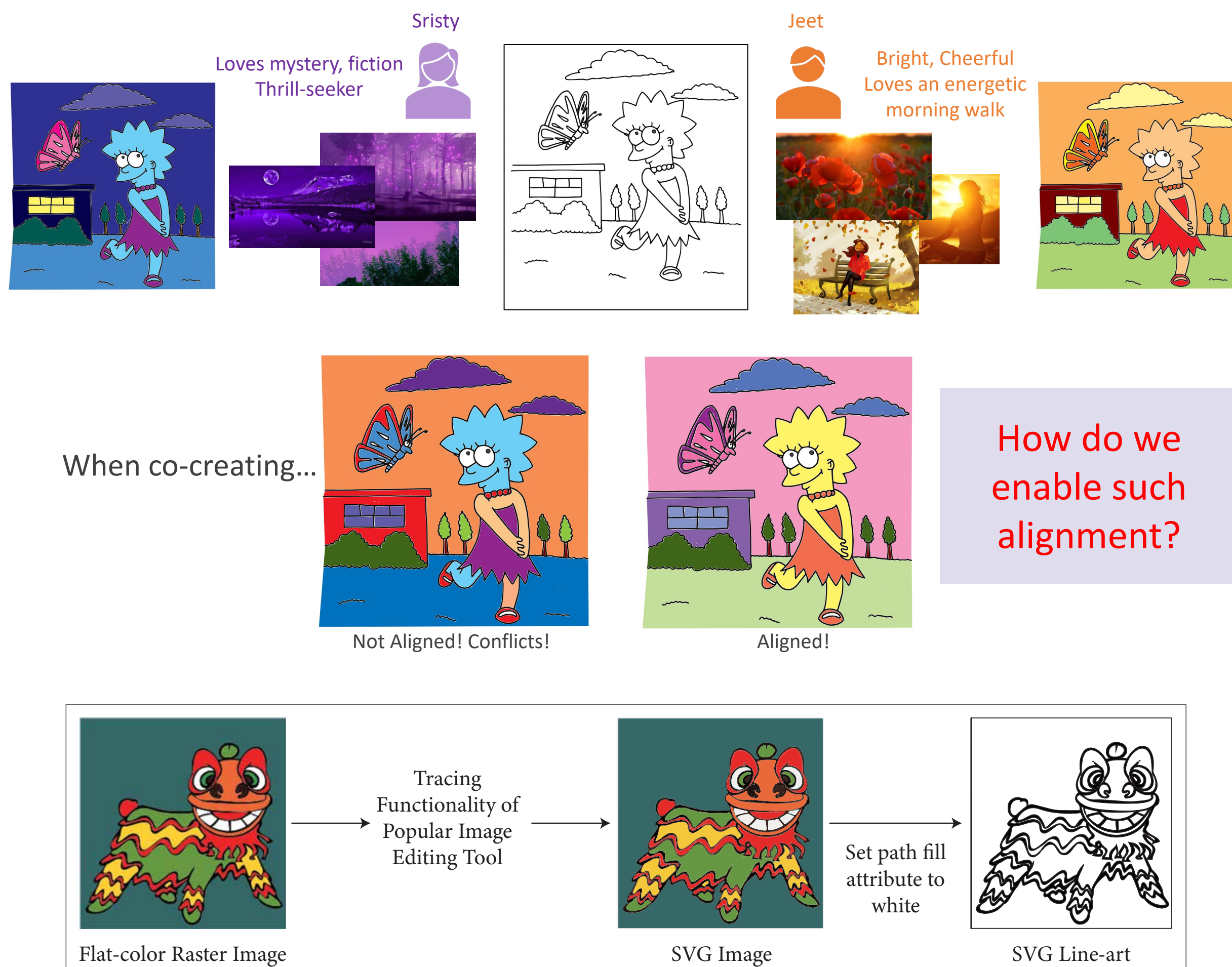
Towards Enabling Synchronous Digital Creative Collaboration: *Codifying Conflicts in Co-Coloring*

Suryateja BV¹, Jeet Patel², Atharva Naik³, Yash Parag Butala³, Sristy Sharma², Niyati Chhaya¹

¹Adobe Research, ²IIT Guwahati, ³IIT Kharagpur

1

Flat Line-art Co-colorization: Task and Dataset Preparation



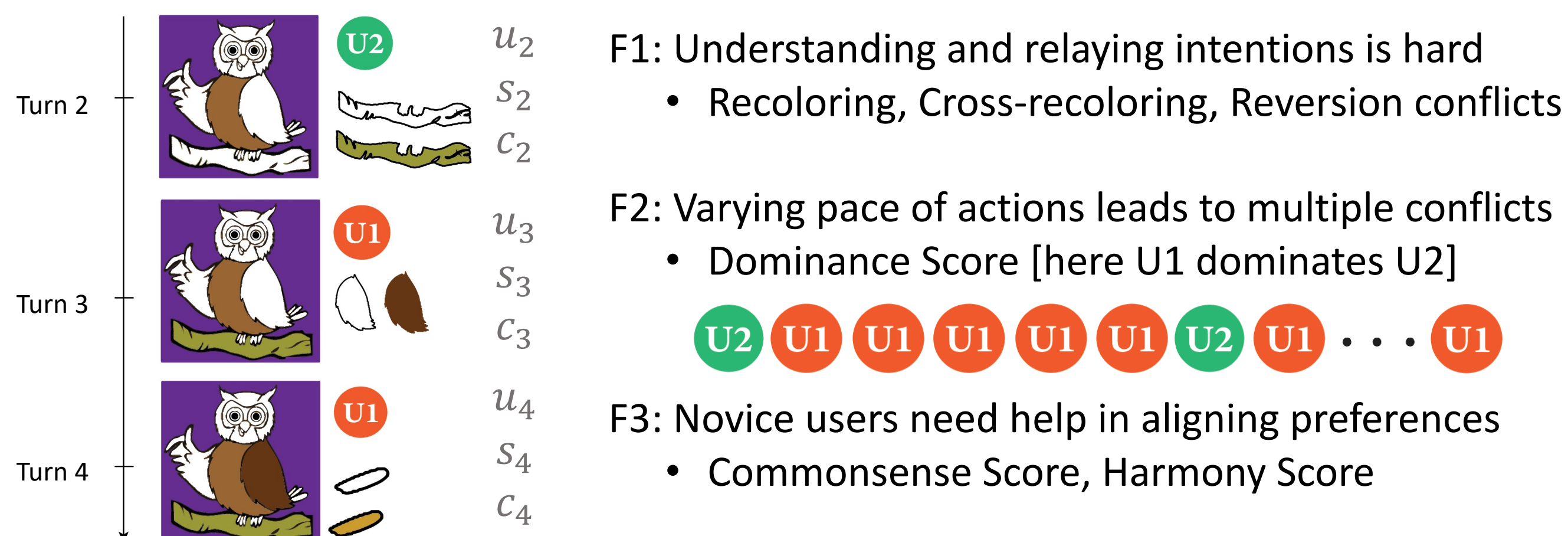
2

User Interface Design for Synchronous Colorization



3

Formative User Study and Design Goals for a potential *Intervention System*



- G1: Facilitate **communication of intentions** via canvas and aid in resolution of conflicts
- G2: Provide **feedback on collaborative strength** and overall quality of colored line-art
- G3: Provide assistive tools to **color harmoniously**
- G4: Interventions should be **non-obtrusive**