

Computer Vision Challenge

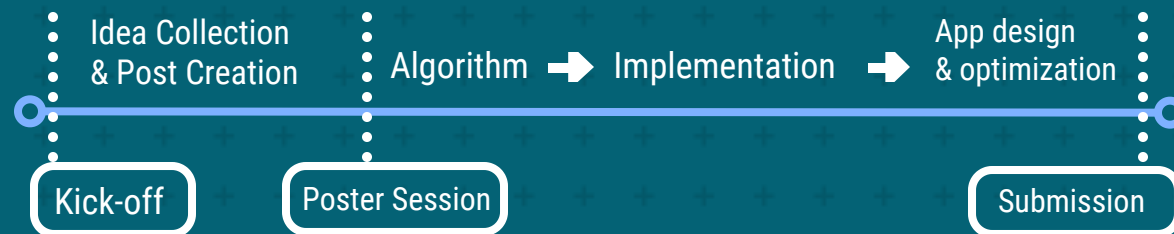


1. Our Group

Pre-Processing: Shun Hu SURF: Kaichen Ni Transform: Peng Xie

GUI: Yuqicheng Zhu Interface: Wantao Li

2. Workflow



3. Algorithm



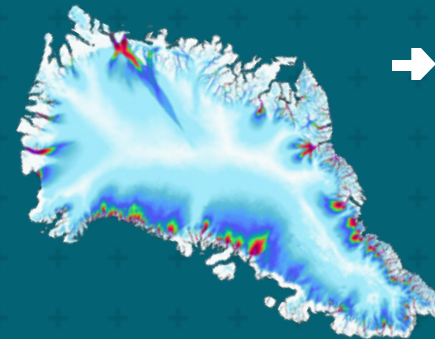
5. Open Questions

- Unmodifiability of Toolbox
- Adjustment of Hyperparameter

6. Challenges

- Cloud Covering
- Unstability of features

4. Functionality



➔ Difference-Highlights

- Use different color to recognize different ranges of the difference



Difference-Curtain

- Push the button and compare two images in one picture



➔ Geographic Information

- Select dataset corresponding to the region