Poster 5

Hierarchical Interactive Image Segmentation using Irregular Pyramids

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Introduction

- Stack of Segmentations (2D Image)
  - Minimum Spanning Tree based based Method [1]
  - Irregular Graph Pyramid
  - Merging Criteria
- Good but non satisfying result
- Interaction > State-of-the-art [2,3]

[1] Haxhimusa, Y. (2004); [2] Klava, B. (2009); [3] Meine, H. (2004)

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User Interaction

- Set focus on arbitrary regions
- Different levels of granularity
- Merge & inhibit operations
- Guide the process of split & merge
- Can be used for:
  - Annotation
  - Accuracy

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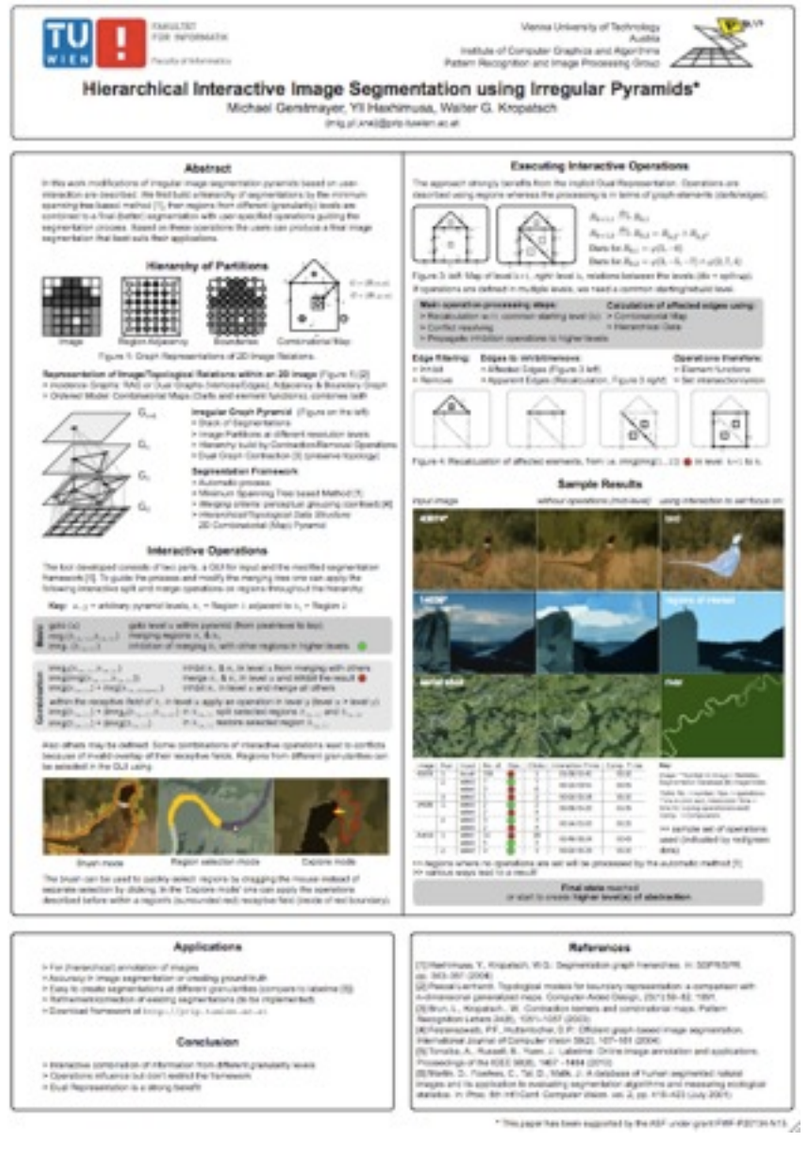
- Interactive Demo
- Key ideas

http://prip.tuwien.ac.at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