

NII International Internship program

Segmented Fusion

Experiments & Summary

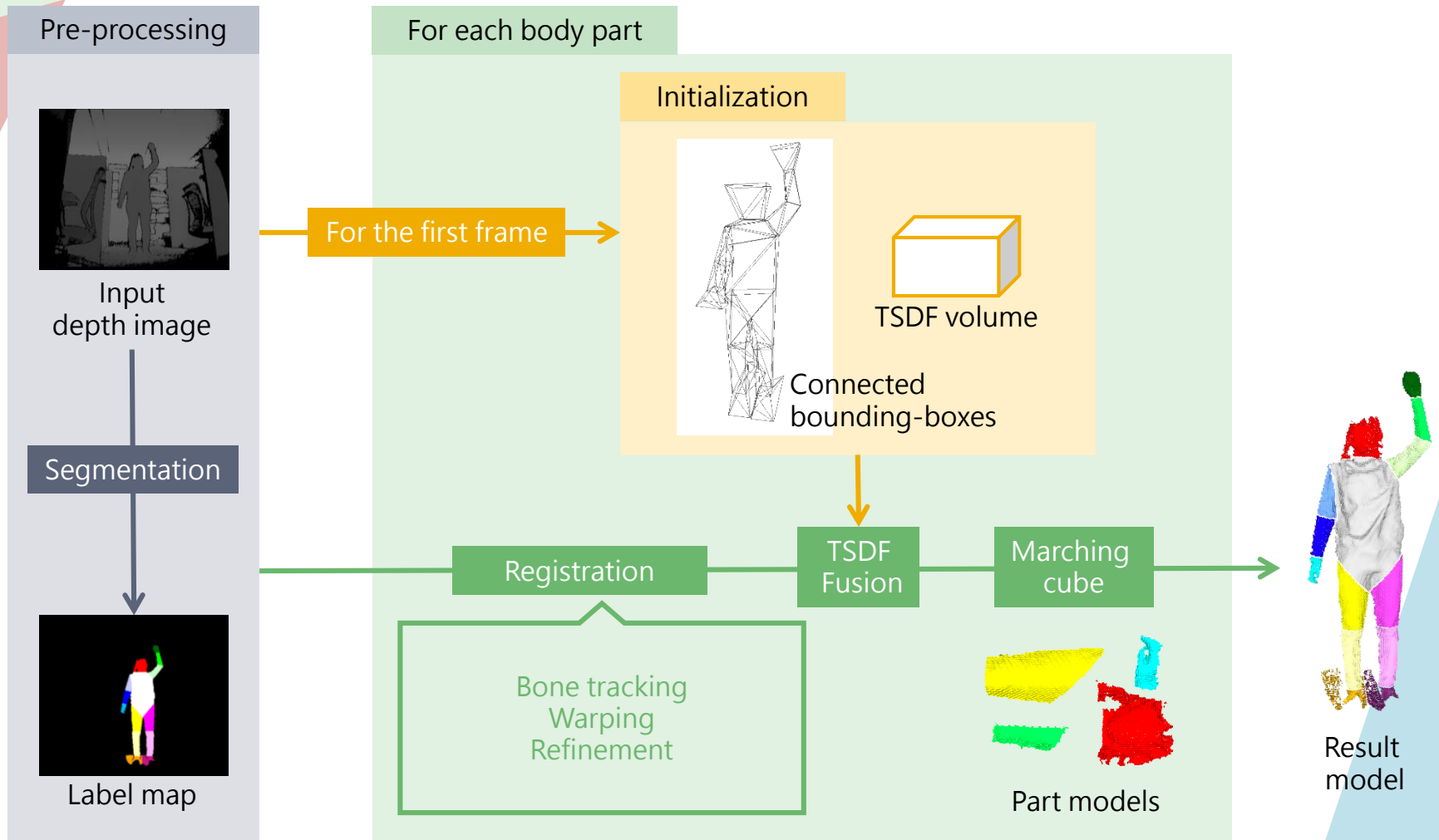
20180208

Sylvia

Advisors: Prof. A.Sugimoto

Ass.Prof. D.Thomas

Summary



Presenter: Sylvia

Advisors: Prof. A.Sugimoto, Ass.Prof. D.Thomas

Summary

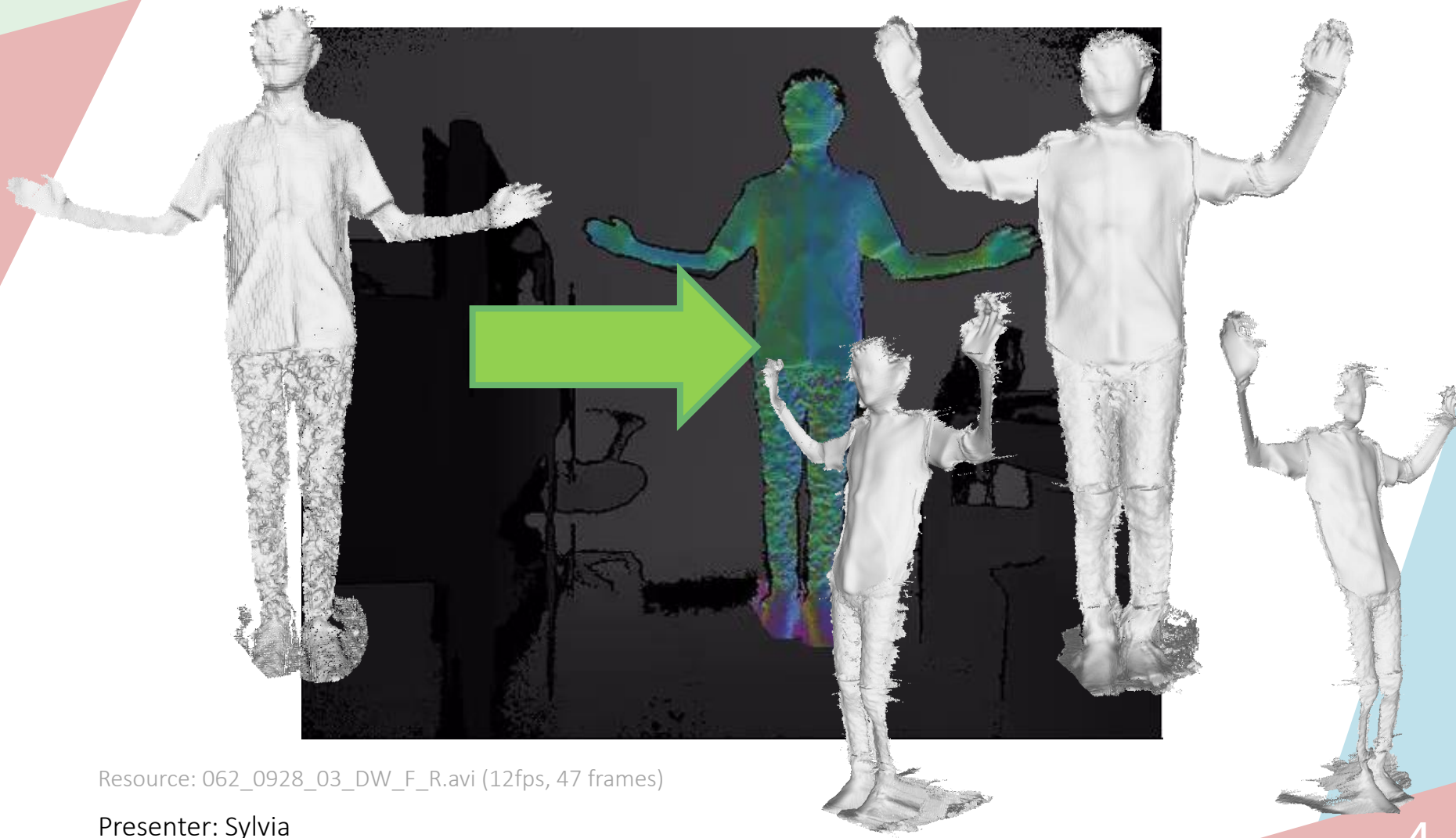
♣ Previously

- ♣ Refined the mesh by using simple ICP

♣ Outline

- ♣ Summary of our project
- ♣ The experimental results

Experiments - general case



Resource: 062_0928_03_DW_F_R.avi (12fps, 47 frames)

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Experiments - Topology change

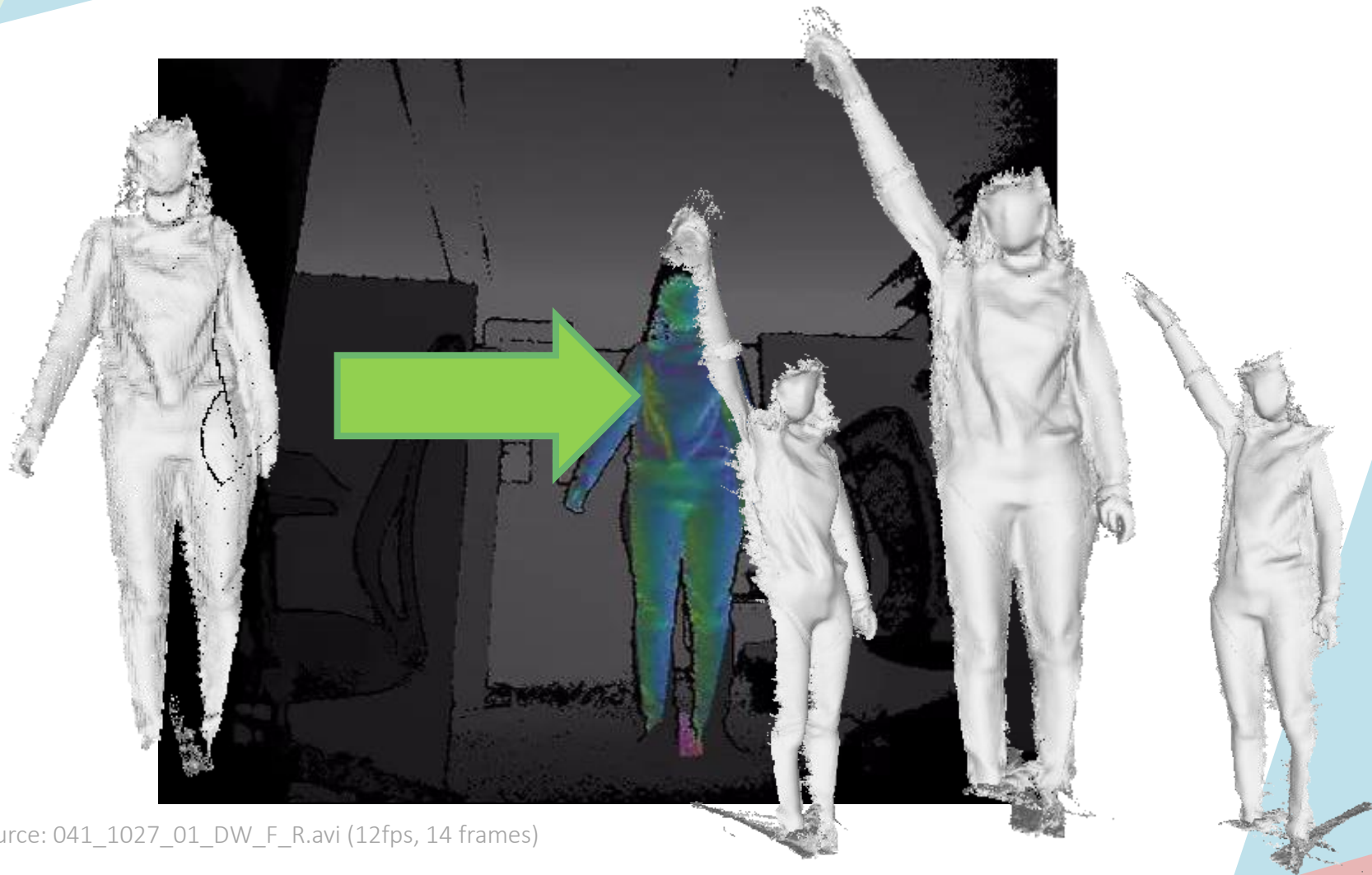


Resource: 061_0915_01_DW_F_R.avi (12fps, 52 frames)

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Experiments - Large frame-to-frame motion



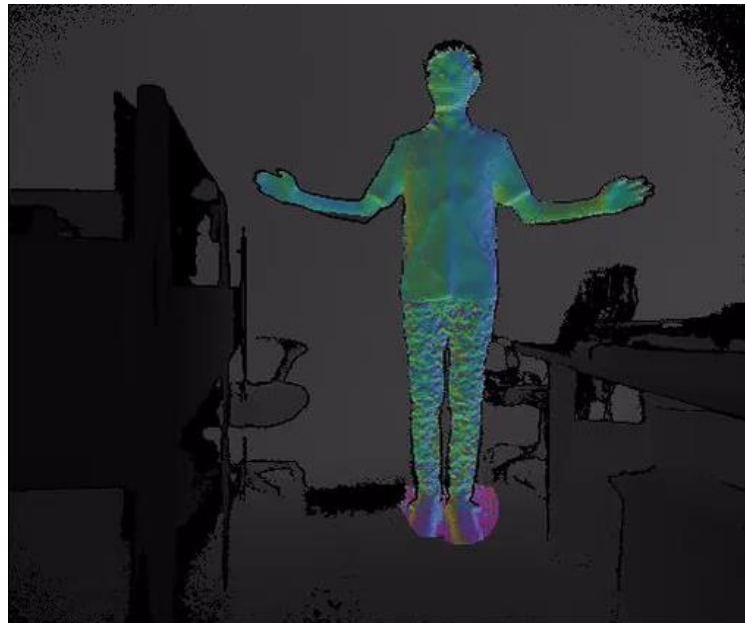
Resource: 041_1027_01_DW_F_R.avi (12fps, 14 frames)

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Wrong cases

- ♣ Due to the noise on skeleton and less points to match, system is easy to get wrong segmentation result and scan wrong model in the hand parts and foot parts.



Resource: 062_0928_03_DW_F_R.avi (12fps, 47 frames)

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Next step

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