Efficient 2D and 3D Facade Segmentation using Auto-Context

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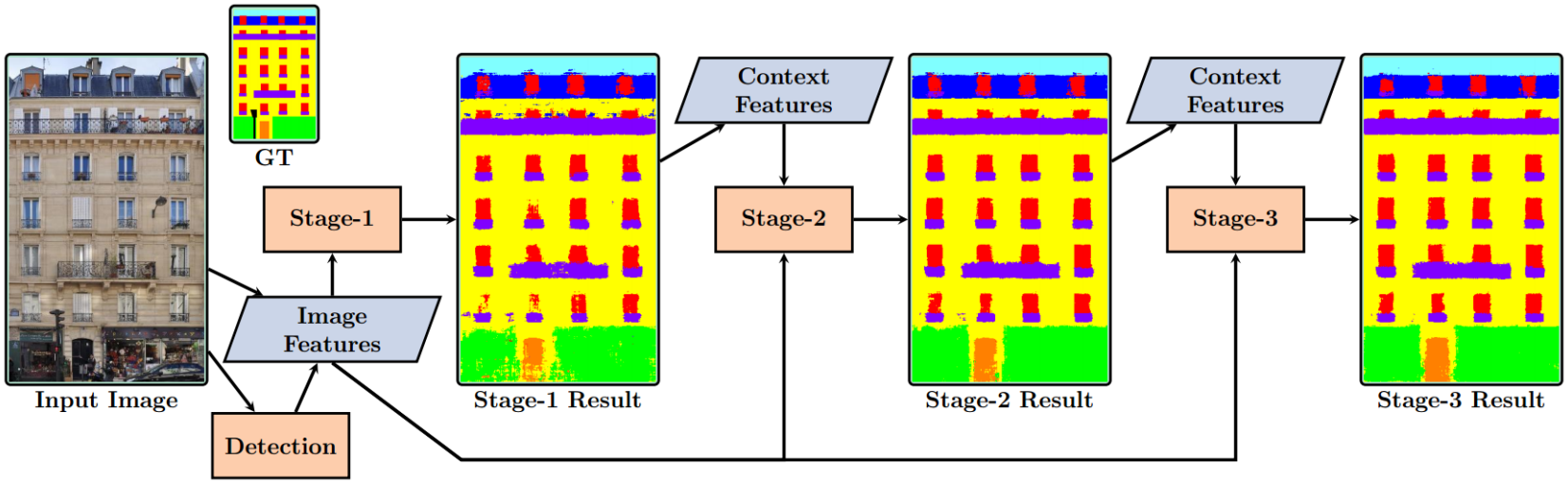

- Problem: Segmentation for 2D images and 3D point clouds of building facades
- Existing methods make use of domain-specific knowledge as strong prior information
- Contributions:
  - Inroduces generic segmentation method that ignores domain knowledge
  - Shows good segmentation results by pixel classifications methods that use basic image features in conjunction with auto-context features
  - Proposes system of a sequence of boosted decision tree classifiers stacked using auto-context features