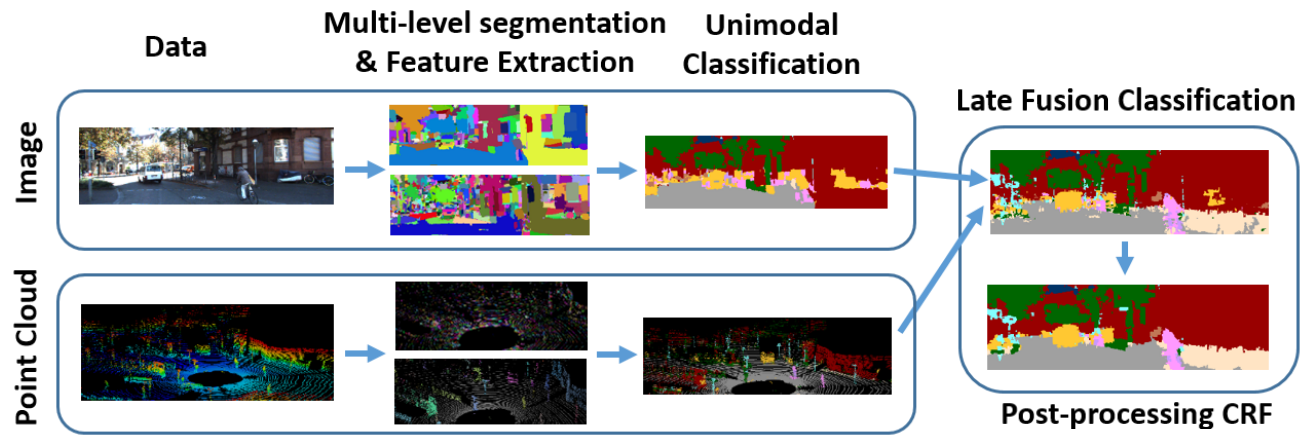


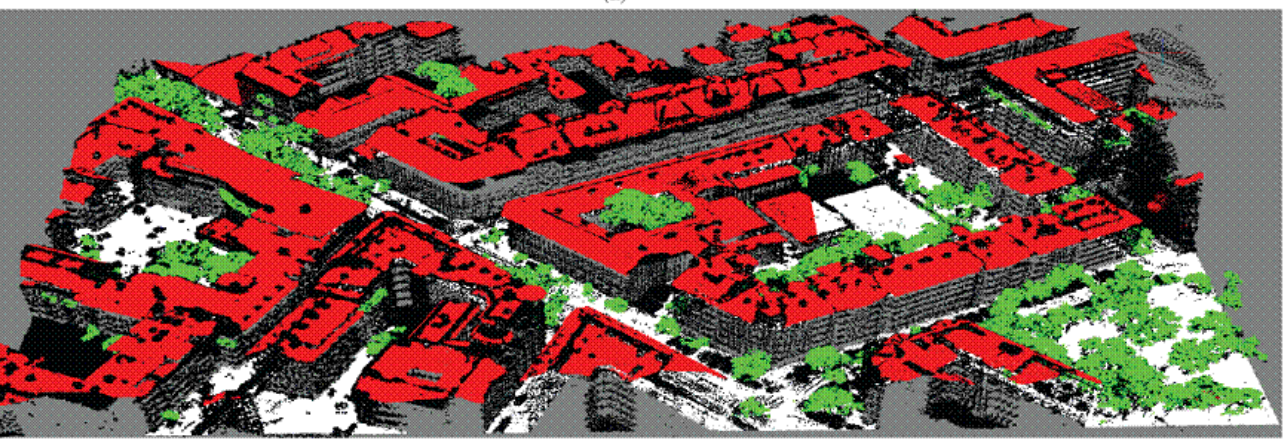
Signetron

- Signetron Inc.
- Lead Investigator: Avidah Zakhor
- Current Team Members: none

Areas of Interest



Sensor Fusion for Semantic Segmentation of Urban Scenes



Aerial Lidar Classification



Singe Satellite Building extraction

Unique Qualifications & Capabilities

- Prior relevant experience with various DARPA and I-ARPA programs:
 - URGENT, Finder,
- Extensive experience with 3D processing, recognition:
 - Darpa program: urbanscape
- Relevant publications in the area:
 - G. Singh, M. Jouppi, Z. Zhang, , and [A. Zakhor](#), "Shadow Based Building Extraction from Single Satellite Image." SPIE Electronic Imaging Conference, Computational Imaging, San Francisco, CA, February 2015. [\[Adobe PDF\]](#)
 - R. Zhang, S. A. Candra, K. Vetter, and [A. Zakhor](#), "Sensor Fusion for Semantic Segmentation of Urban Scenes." IEEE International Conference on Robotics and Automation (ICRA), Seattle, Washington, May 26th-30th, 2015. [\[Adobe PDF\]](#)
 - M. Carlberg, P. Gao, G. Chen and [A. Zakhor](#), "Classifying Urban Landscape in Aerial LiDAR Using 3D Shape Analysis," IEEE International Conference on Image Processing (ICIP), Cairo, Egypt, November 2009. [\[Adobe PDF\]](#)

- Open to join prime contractor or other teams.

Contact Information

- Avideh Zakhor
- Senior ScientistTitle
- Signetron
- Avideh.zakhor@signetron.com
- 510 384 3272