

# Beyond Points: Evaluating Recent 3D Scan-Matching Algorithms

M Magnusson<sup>1</sup>, N Vaskevicius<sup>2</sup>,

T Stoyanov<sup>1</sup>, K Pathak<sup>2</sup>, A Birk<sup>2</sup>

<sup>1</sup>Örebro University <sup>2</sup>Jacobs University Bremen

- Comprehensive evaluation of scan-matching, summarising over 100 000 tests using a public test protocol with challenging data sets.
- Comparing local (NDT and ICP) and global (MUMC) methods.
- Including novel improvements to both NDT and MUMC registration.

