An appearance-based visual compass for mobile robots

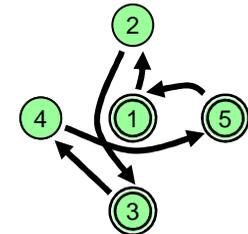**Jürgen Sturm**

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User manual
- Head button always resets robot and triggers autoshutter & color clustering
- Press front button to manually trigger color clustering

In training mode:
- Press middle button to start learning of the first spot
- Press middle button again to continue learning on more spots
- Press back button to switch to localization mode

In localization mode:
- Press front button to switch between rotational and translational mode
- Press middle button to reset spots and start learning
- Press back button to switch between find and set-reference mode