

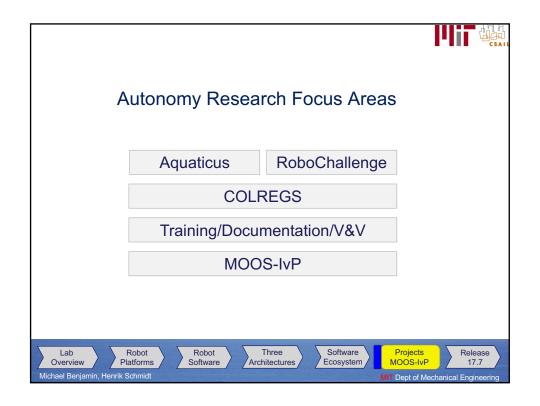
MOOS-IvP An Open Source Project

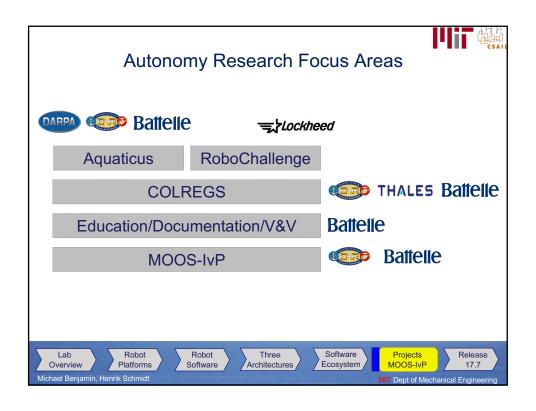


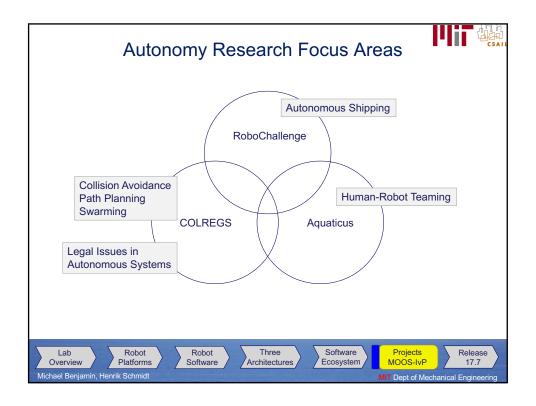
- MOOS-IvP has been online since 2006
- Initially available only via checkout of the development head
- First tagged release, Release 4.2, July 17th 2011 Latest release, Release 17.7, July 31st, 2017
- Applications available under GPL license
- App and behavior libraries under LGPL licence

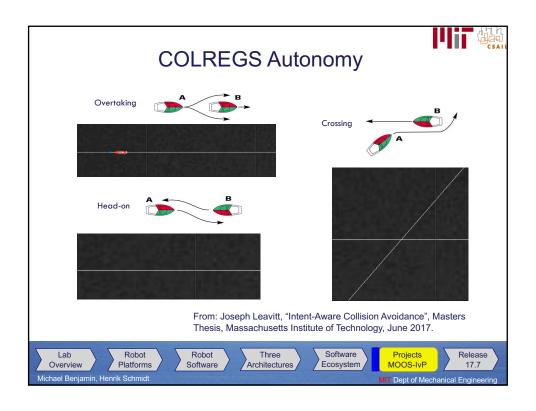
- MOOS ~30K lines of code, 6 workyears
- IvP ~122K lines of code, 32 workyears

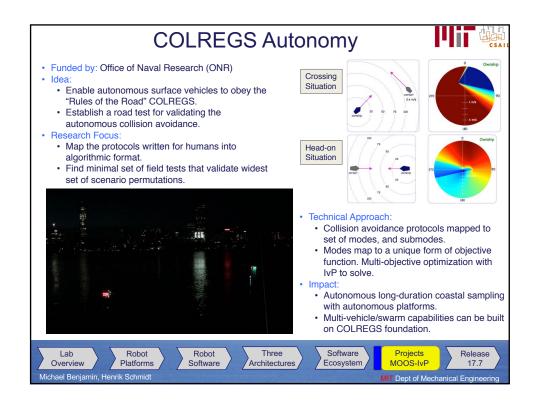


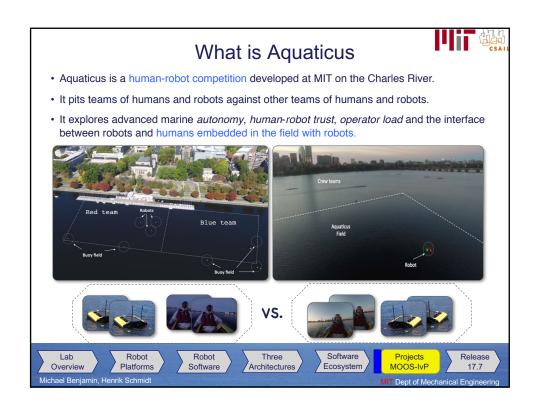


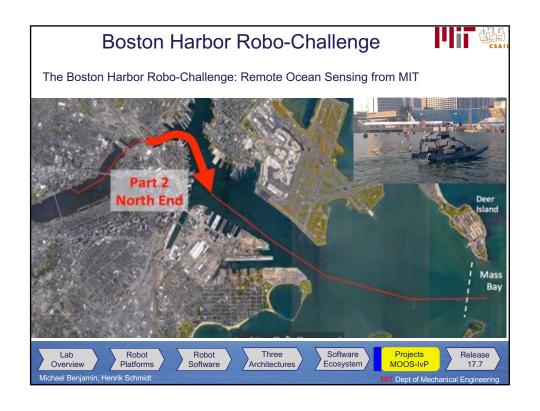


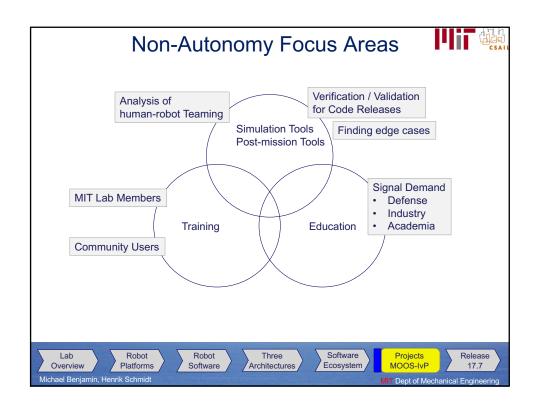


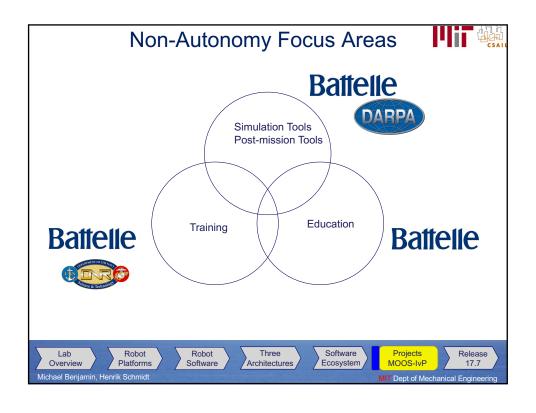


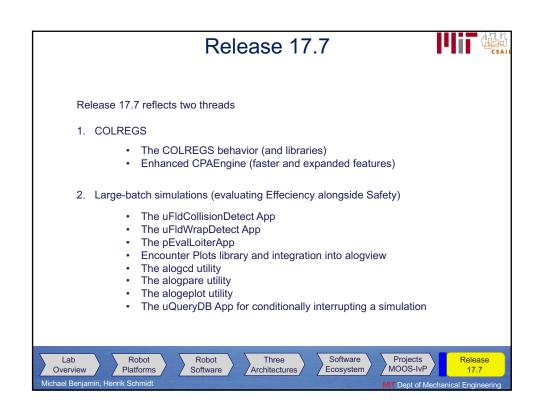












Release 17.7.X Plans Planned focus areas in the short term: 1. COLREGS • Further testing, further refining, in swarm scenarios • Further in-water testing • Incorporation of better vehicle model (advance/transfer properties) 2. Helm Efficiencies • Lazy behavior evaluation (allowing behaviors to set their own AppTick, based on it's own determination of circumstances) 3. Post-mission analysis · Alogview integration with video and audio playback 4. Verification and Validation · Automatic build testing · Automatic mission testing Robot Robot Release Platforms Software Architectures Ecosystem MOOS-IvP

