

Inspection Robotics



UNIVERSITY
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Many people have contributed to this work!

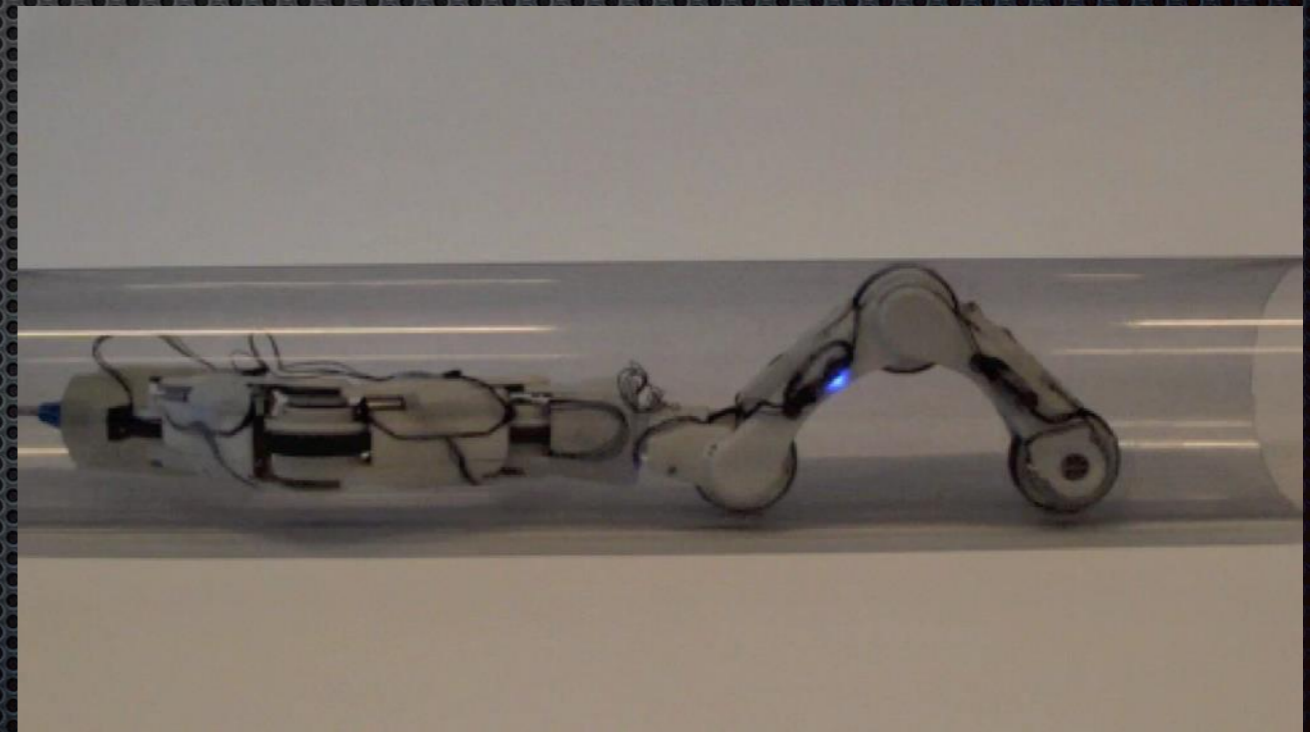


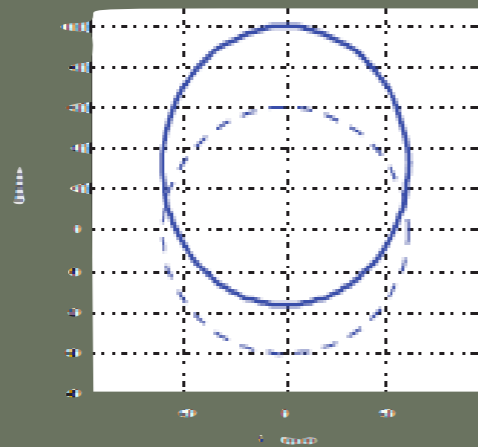
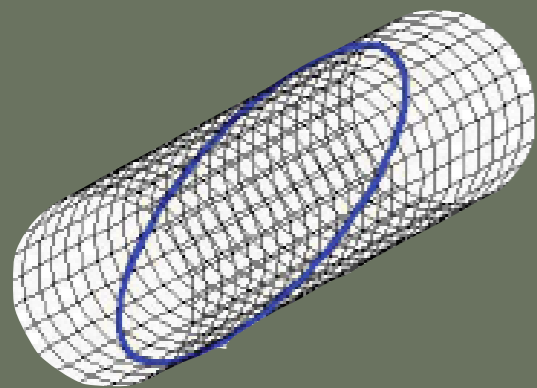
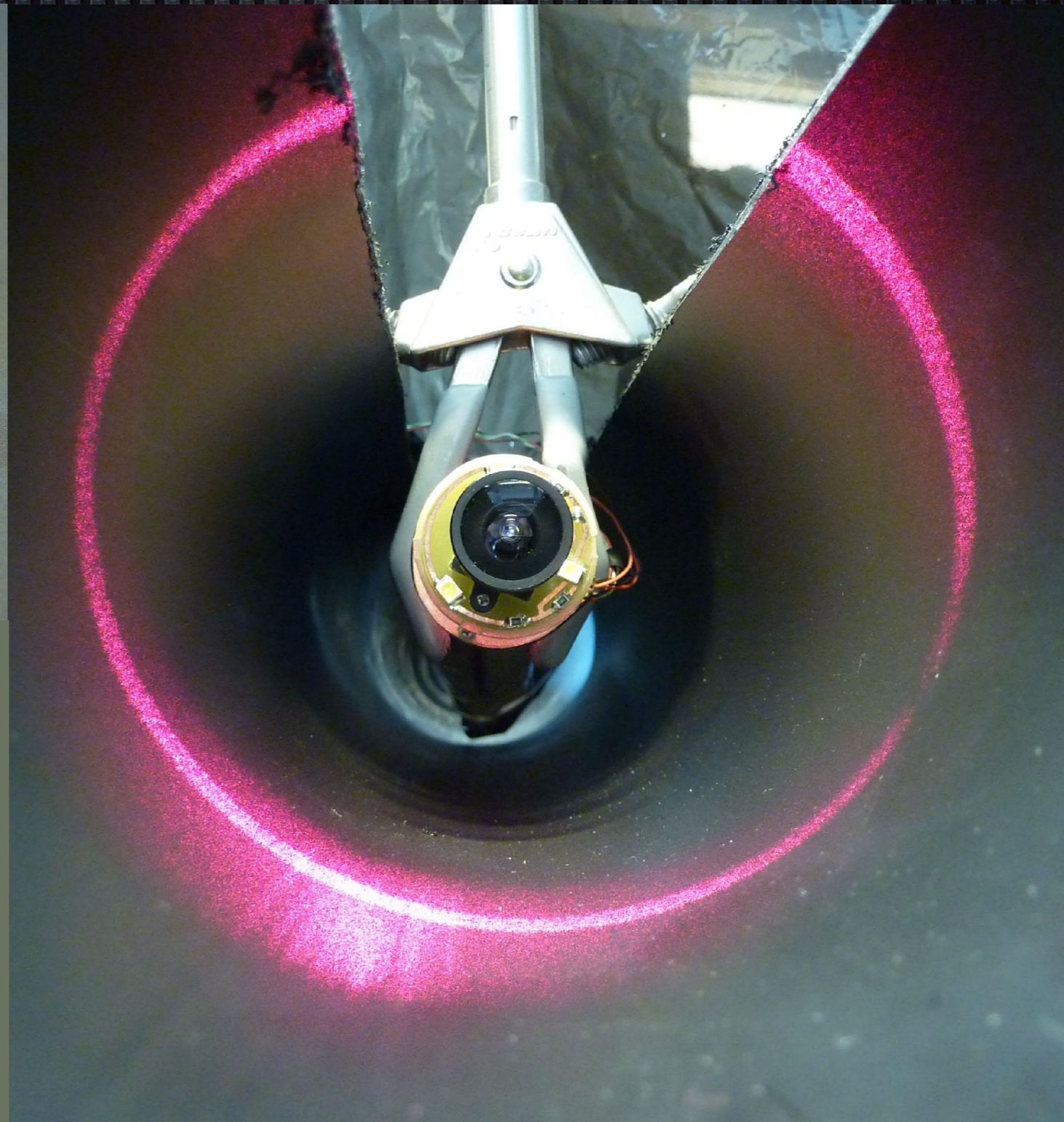
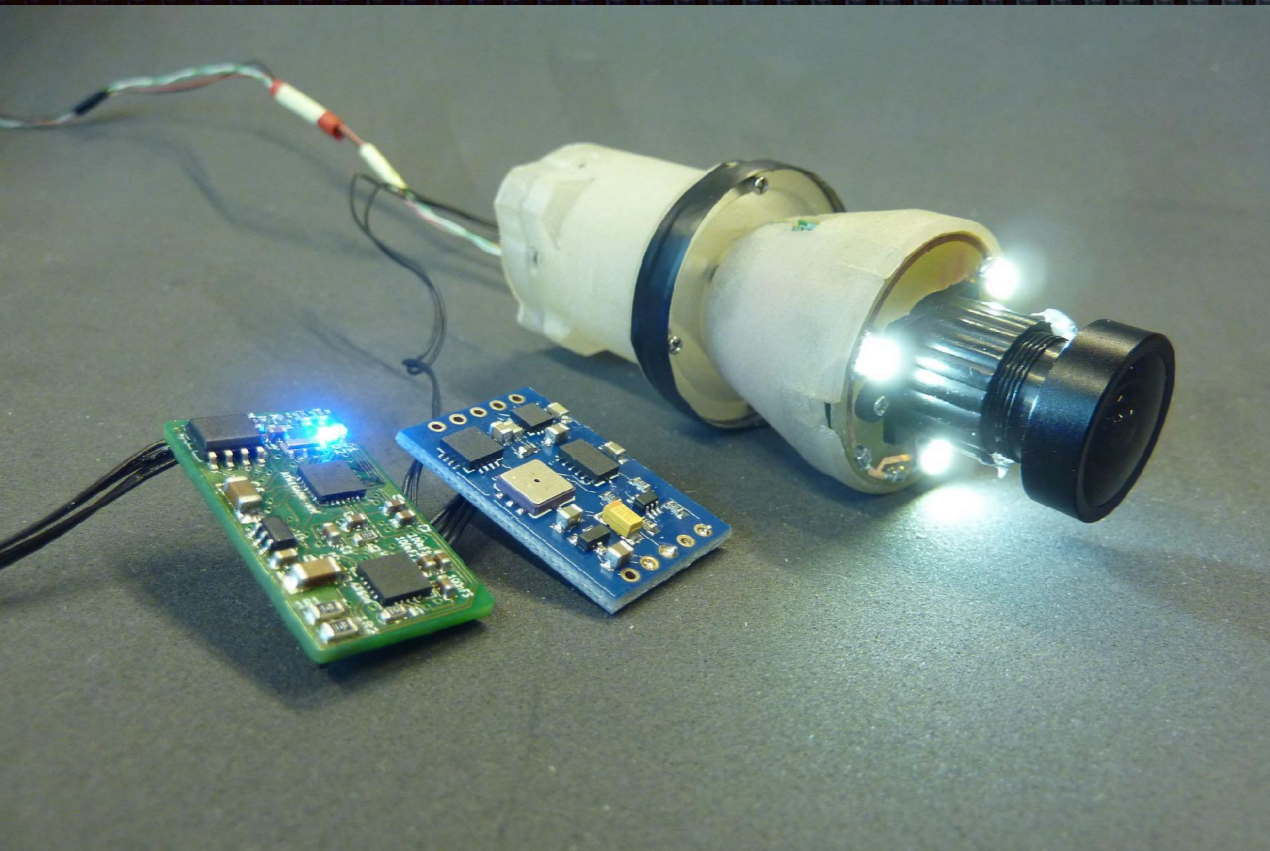
Pipe inspection “snake”



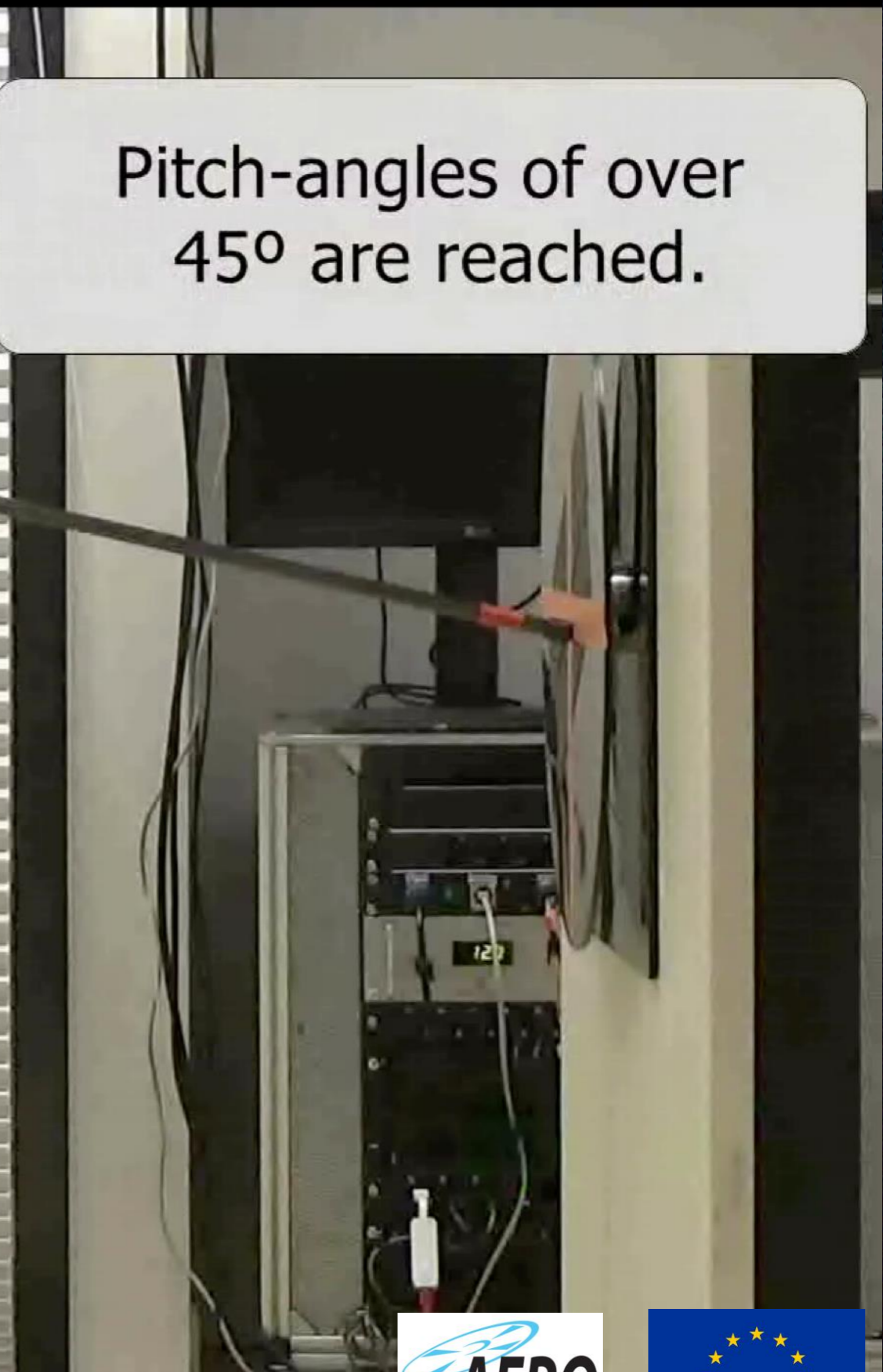


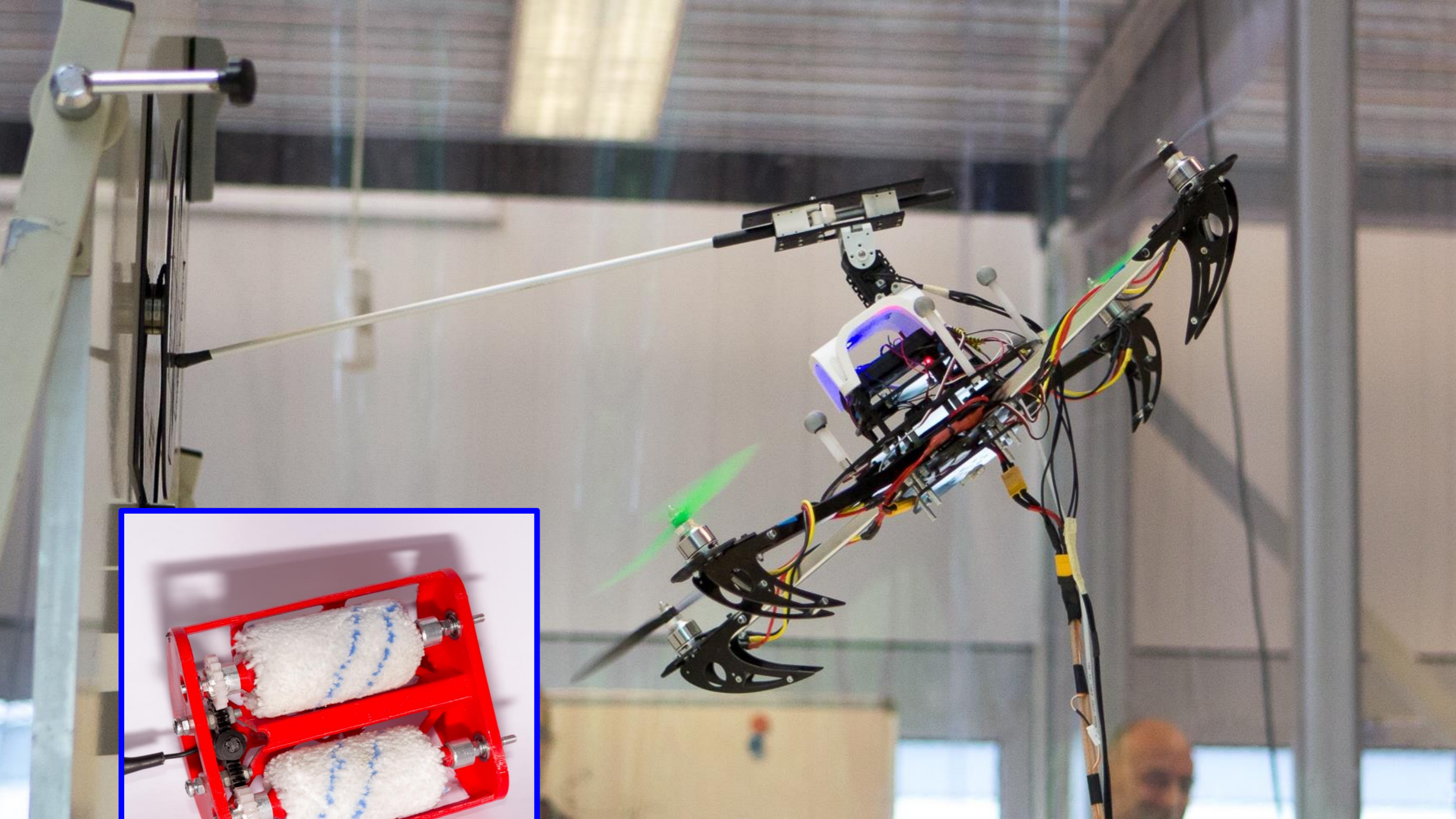
vertical climb
110 mm

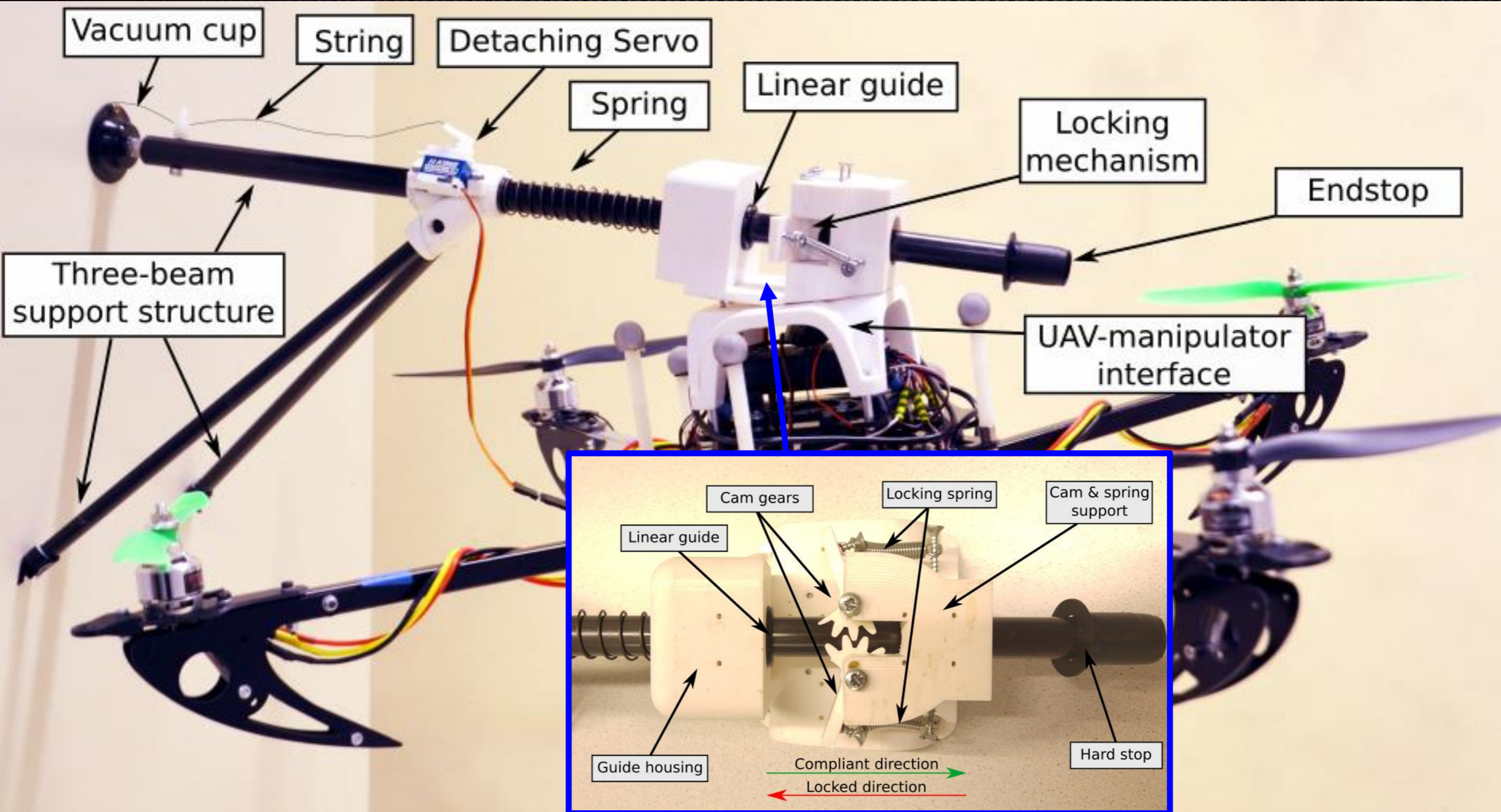


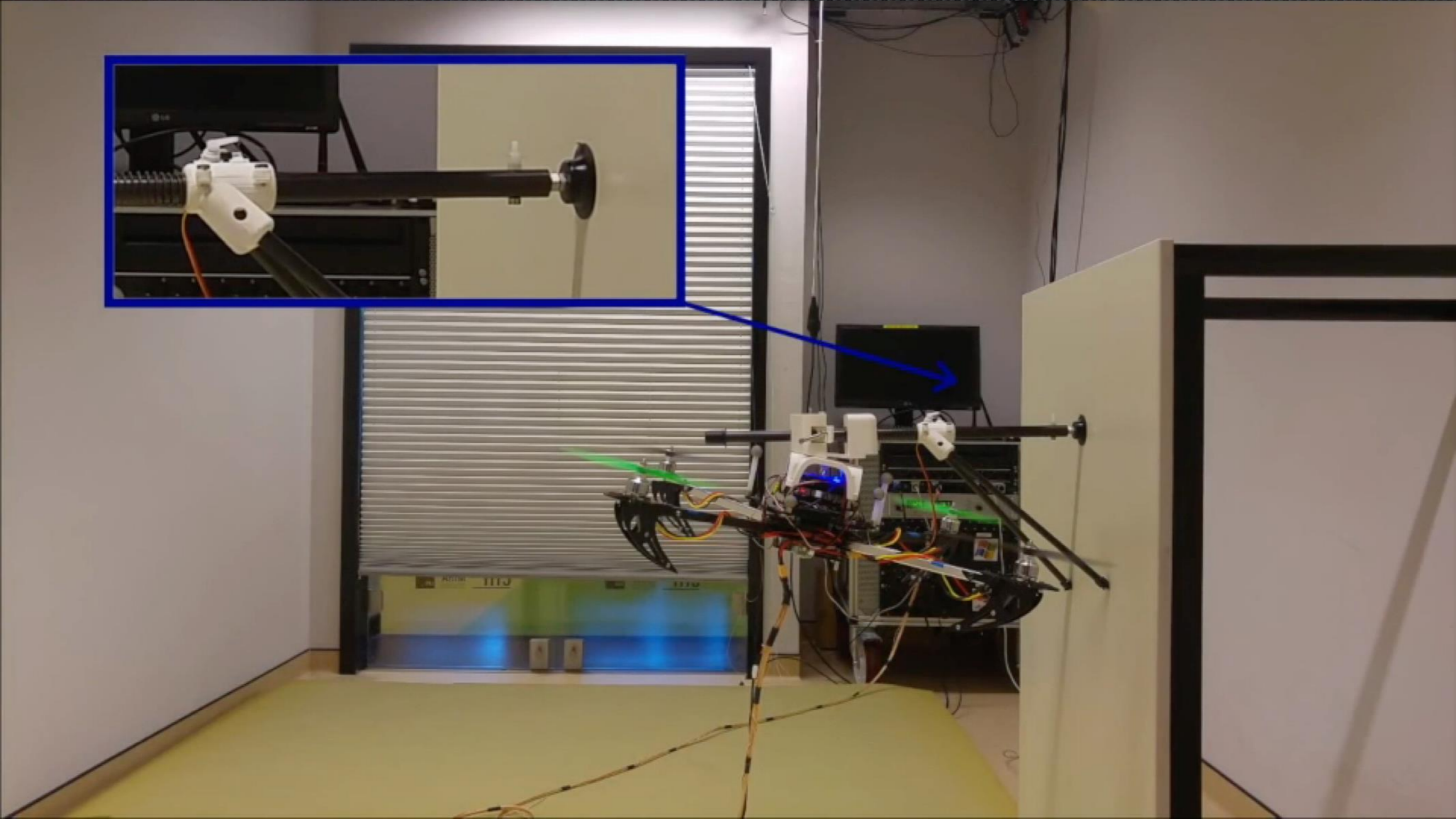


Pitch-angles of over 45° are reached.

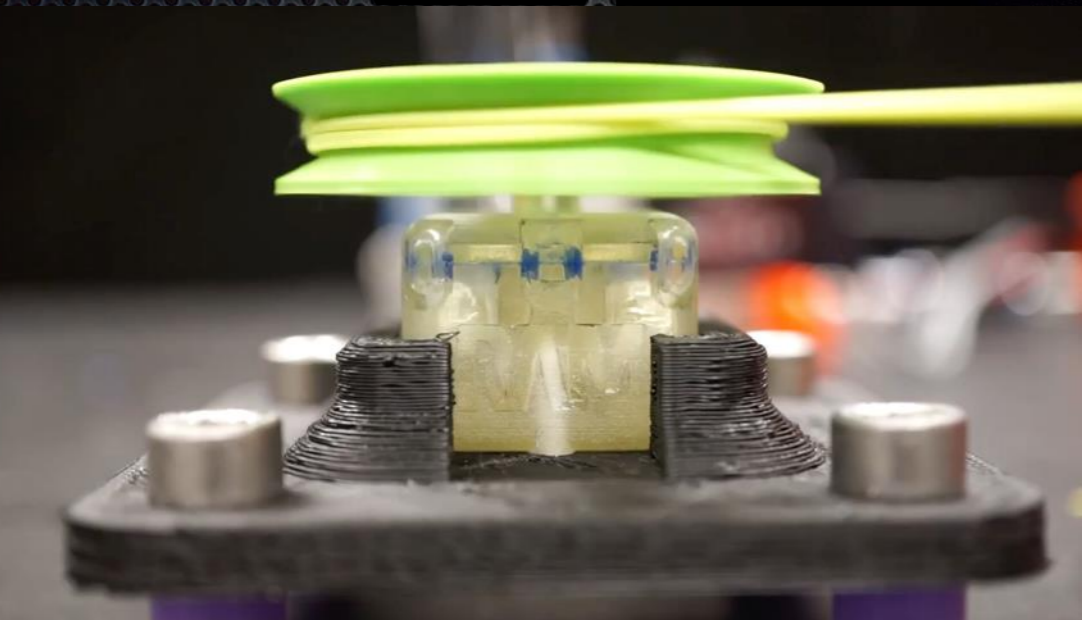
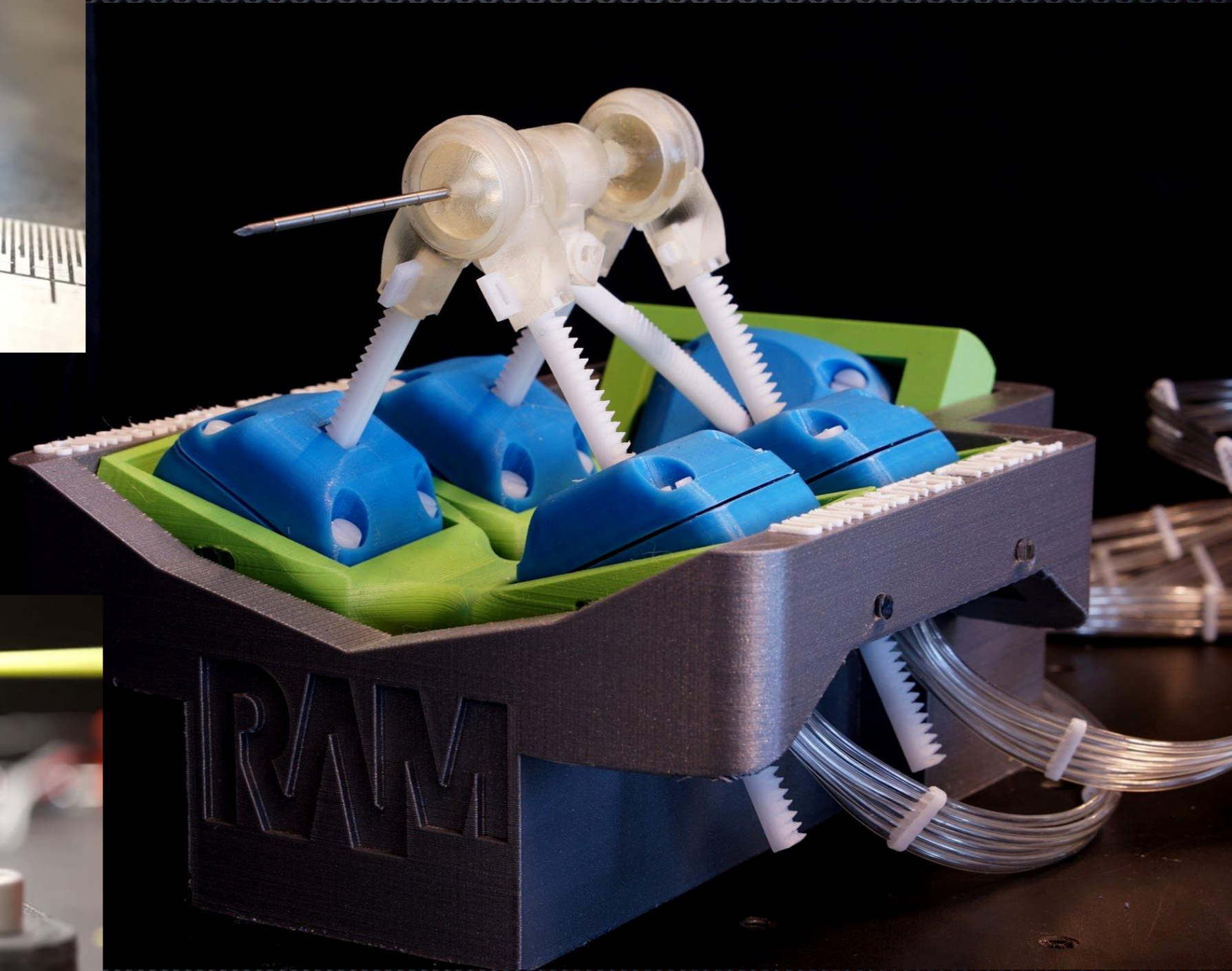
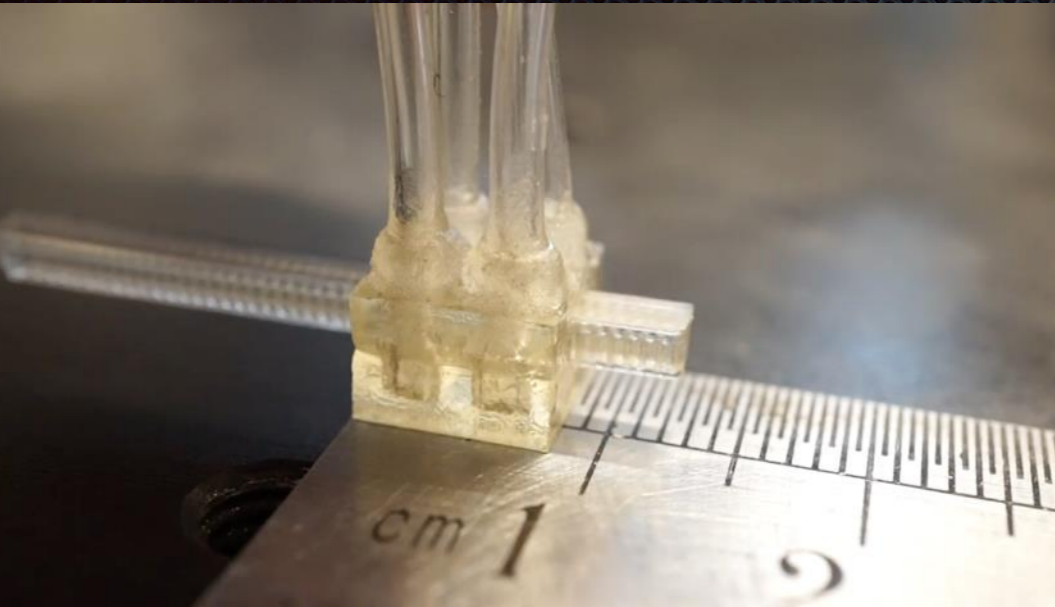


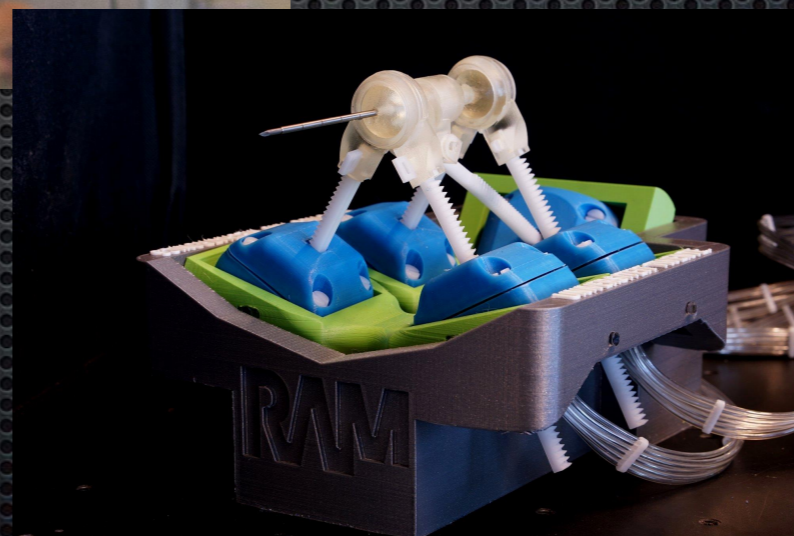
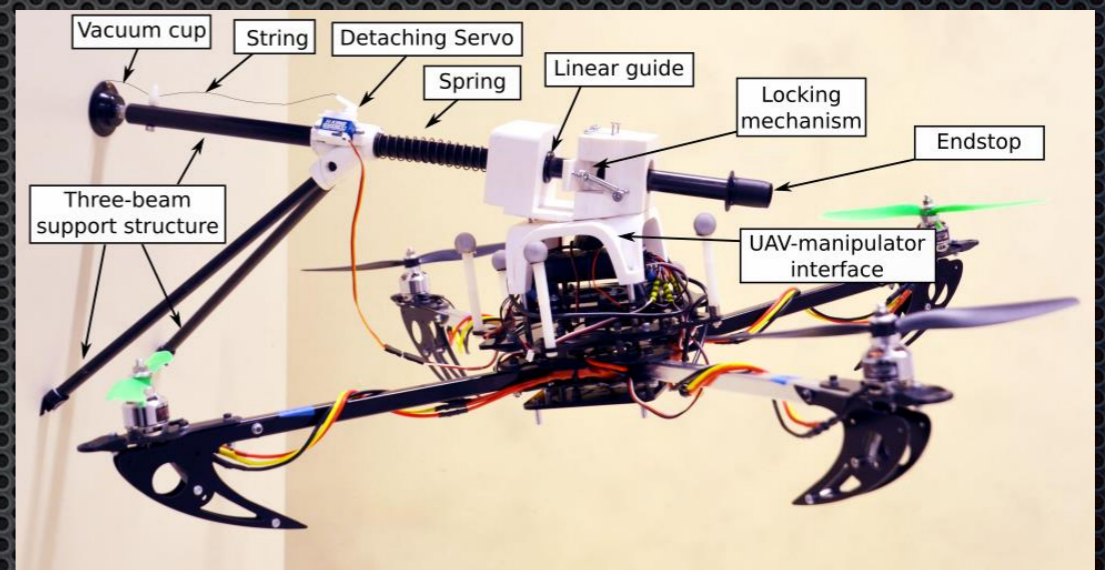
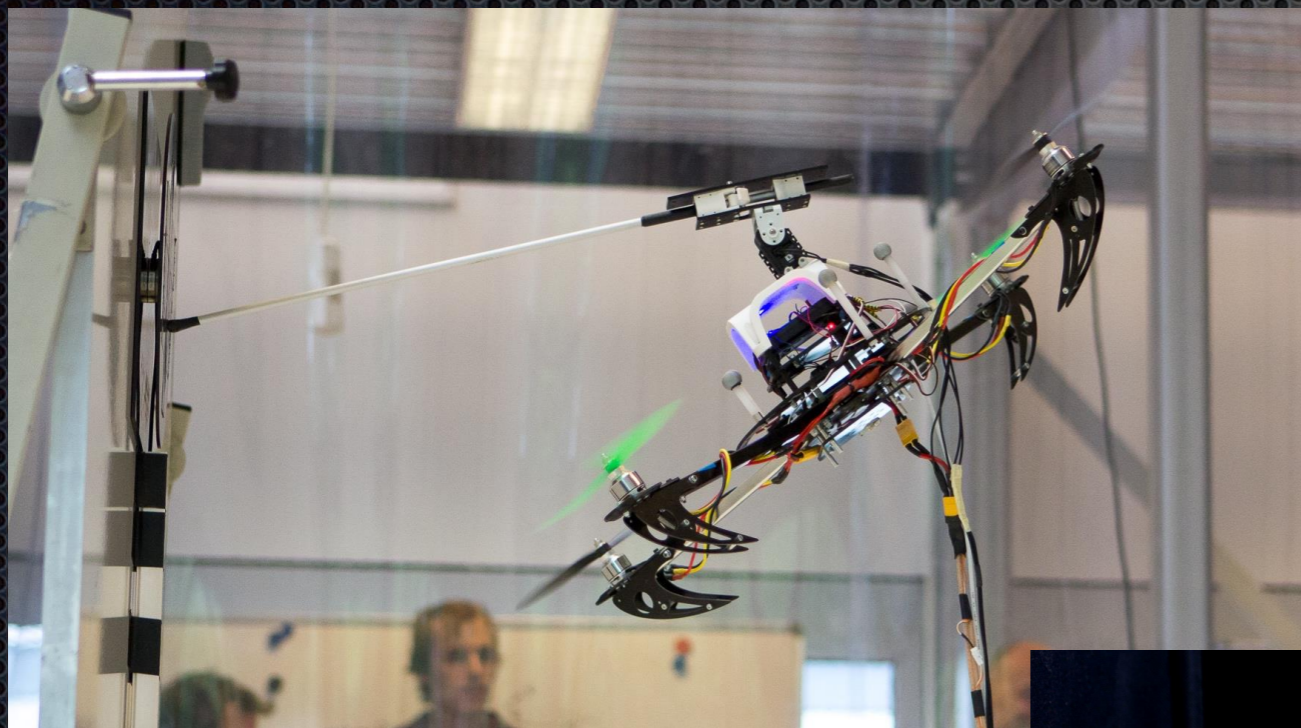
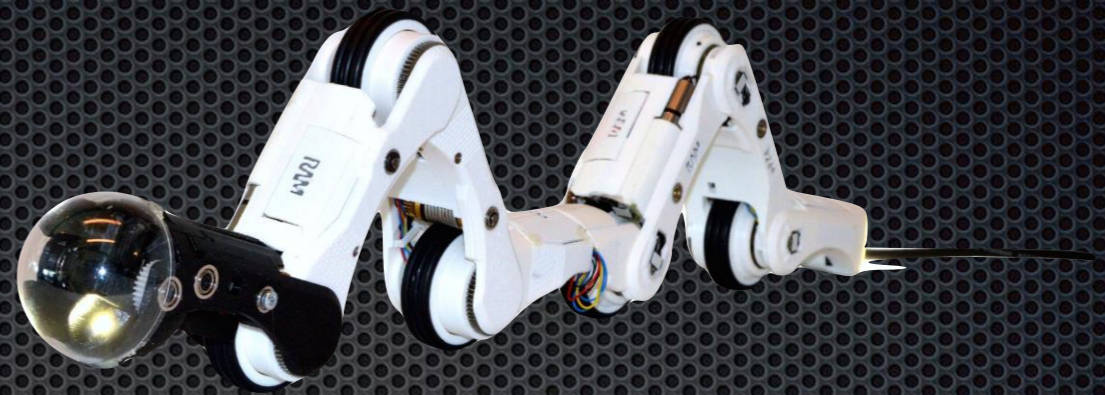
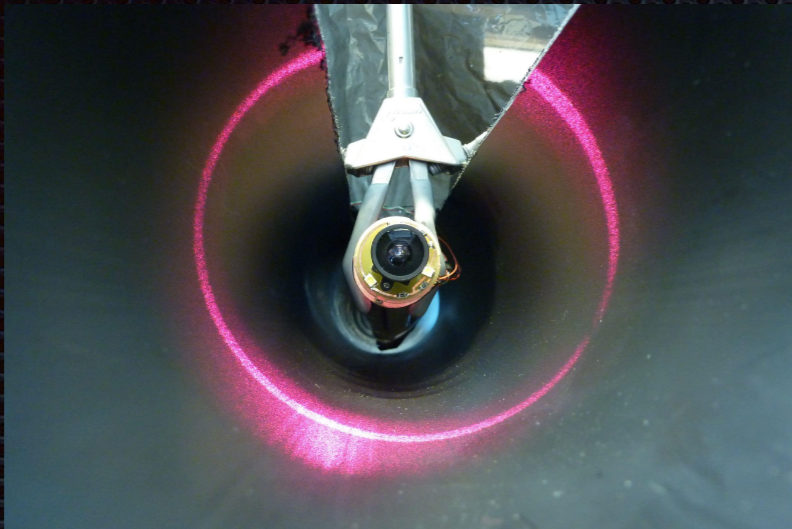






Pneumatic actuators (ATEX?)





Acknowledgements

- Snake robot and laser sensor:
Edwin Dertien, Kees Pulles (KIWA), Mark Reiling,
Mohammad M. Fomashi, ...
- UAV:
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- Robotics and Mechatronics group:
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