## Temasek Defence Systems Institute



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## Investigation of coordination algorithms for swarm robotics conducting area search



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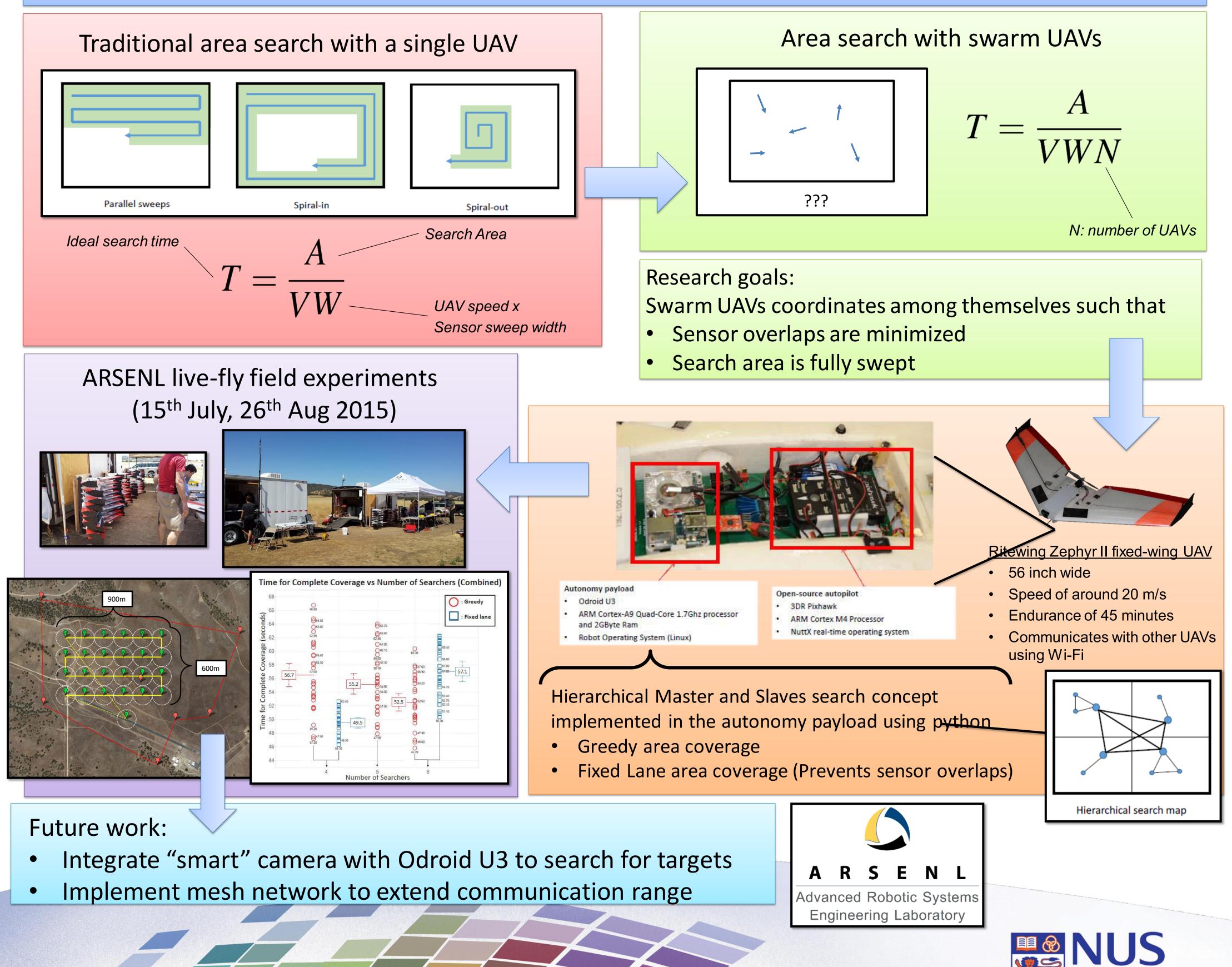


National University

of Singapore

Investigated and developed operational sensor-based coordination algorithms for large-scale swarm

Unmanned Aerial Vehicles (UAV) conducting autonomous area search. The algorithms were validated by live-fly field experiments carried out on Naval Postgraduate School's field laboratory at McMillan Airfield, Camp Roberts.



## Reference:

Dylan Z. Lau, "Investigation of coordination algorithms for swarm robotics conducting area search," Master's thesis, Naval Postgraduate School, Monterey, 2015.