



DAIS Initial Program Plan

Forging Scientific Collaboration September 2016 to January 2018



A flagship program

- DAIS-ITA is a collaborative partnership between the U.S. Army and the UK Ministry of Defence brings together researchers from
 - U.S. Army Research Laboratories
 - UK Defence Science & Technology Laboratory
 - A consortium of universities & industrial research laboratories in U.S. and UK.
- The goal of the alliance is to foster collaborative fundamental research in both nations that will to enable secure dynamic semantically aware distributed analytics for situational understanding in coalition operations.
- The members of the alliance seek to break down barriers, build relationships, develop mutual understanding and work in partnership to develop technology for the U.S. and UK military.



Strong publication record



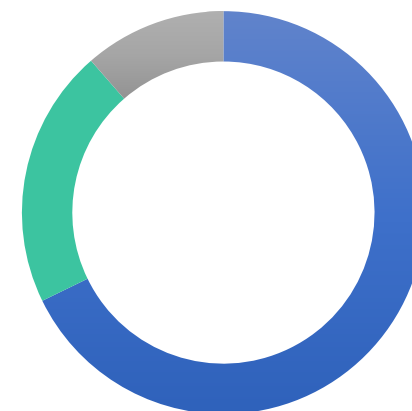
Publication Type	Count
Journal	6
External Conference	88
Total External	94
Internal Conference	39
Other Document	16
Grand Total	149

- 4 best paper/poster awards from peer reviewed external venues
- Publications in top conferences including SIGCOMM, ICDCS, ICNP, and NIPS



Focus on collaborative research

Publication Authors	Count
International	101
Same country	31
Total Collaborative	132
Single Institute	17
Grand Total	149



■ International ■ Same Country ■ Single Institute

- 90% of publications are collaborative with co-authors from multiple member organizations, 68% having international collaborators
- 36% of all publications include a government co-author



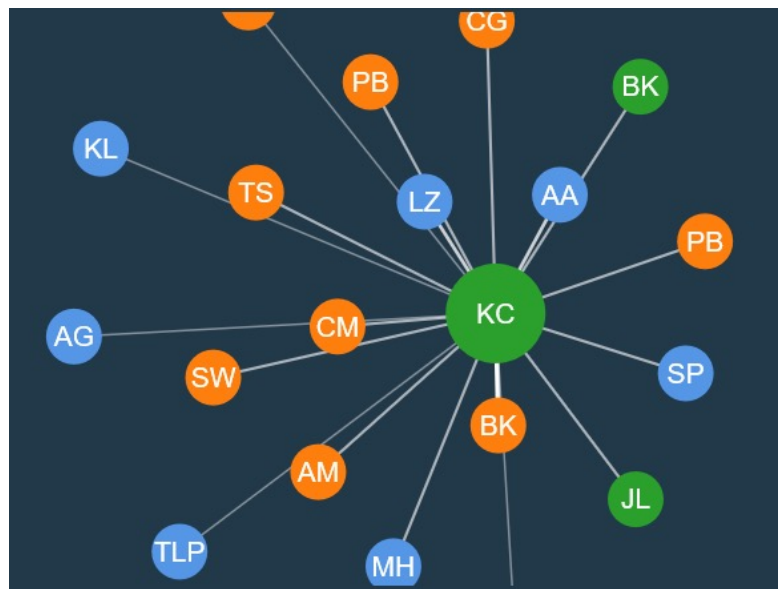
Collaboration across disciplines

	P1	P2	P3	P4	P5	P6
P1: Software Defined Coalitions (SDC)	X	X				
P2: Generative Policy Models for Coalitions	X	X	X	X	X	X
P3: Agile Composition for Coalition Environments		X	X		X	
P4: Evolution of Complex Adaptive Human Systems		X		X		X
P5: Instinctive Analytics in a Coalition Environment		X	X		X	X
P6: Anticipatory Situational Understanding for Coalitions		X		X	X	X

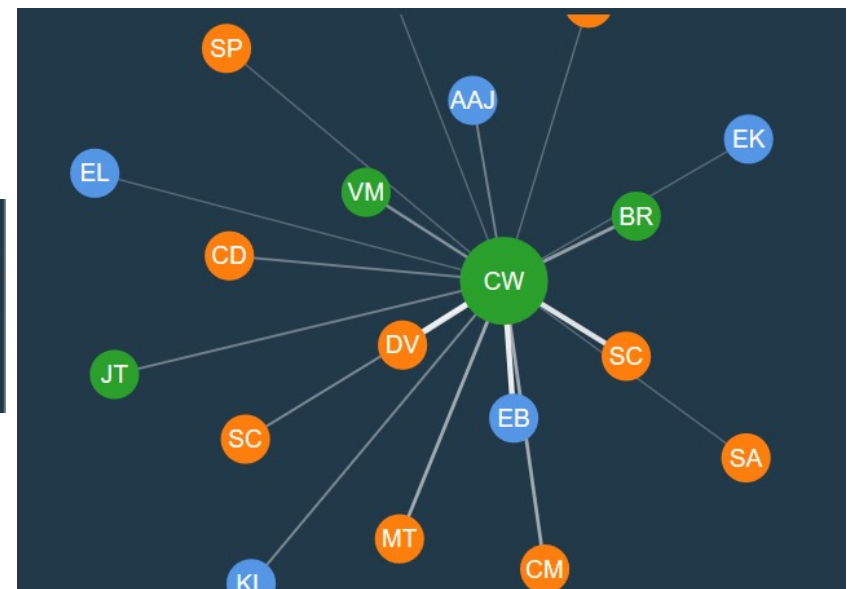
- Cross project collaborations yielded 11 external publications during the IPP



Diverse working relationships



Co-authors of Kevin Chan from ARL



Co-authors of Chris Williams from Dstl

- Researchers collaborating and co-authoring across the consortium
- 32% of external publications include a government co-author



The DAIS ITA Science Library contains all currently published publications, authors and organizations involved. Link: <http://sl.dais-ita.org/science-library>

