

*“The University of Southampton has signed a multi-million pound research agreement with BAE Systems and one of its joint venture companies AMS Limited, marking the start of an important new strategic partnership”<sup>1</sup>*

- University of Southampton website

## University of Southampton Military Projects 2001 - 2006

### Overall Statistics

Total no. of projects	Minimum amount received from Projects	Ranking by: a) no. of projects b) amount (£)	Top 3 funders (by no. of projects)	Top 3 departments (by no. of projects)
119	£43,251,201	a) 4th  b) 2nd	1) EPSRC  2) BAE Systems  3) QinetiQ	1) Electronics and Computer Science 2) Engineering Sciences 3) Optoelectronics Research Centre

### School of Electronics and Computer Science

Source/ Sponsor/ Partner	Project	Amount	Year
Dstl	Modelling of EA systems	£60,000	Since Jan 1996 <sup>2</sup>
Dstl	Electromagnetic Modelling in Pulsed Power Circuits	£153,400	Since Jan 1996 <sup>3</sup>
Dstl	Theoretical Study of Eddy Currents	£55,000	Since Jan 1996 <sup>4</sup>
Dstl	Modelling of EA Circuits and Conceptual Studies	£39,000	Since Jan 1996 <sup>5</sup>
BAE Systems	Automated Design of Electrical Machines	£52,000	Since Jan 1996 <sup>6</sup>
DERA	The Investigation of Pulsed Power Circuits	£80,631	Since Jan 1996 <sup>7</sup>
DERA	Team-Oriented Problem Solving in a Battlefield Simulation	£?	Dec 1999 - Mar 2001 <sup>8</sup>
EPSRC and Rolls Royce Plc	IMI: DARP: Knowledge Capture, Sharing and Reuse in the Design Process (KCSR). Part of LINK Scheme and involves: <ul style="list-style-type: none"> <li>University of Cambridge's Engineering Design Centre and</li> <li>University of Sheffield's Institute of Work Psychology</li> </ul>	£167,534	Mar 2000 - Feb 2003 <sup>9</sup>
EPSRC, DERA	RICES: Reasoning About Information Consistency Across	£104,583	April 2000 - June 2001

Source/ Sponsor/ Partner	Project	Amount	Year
and others	Enterprise Solutions		<sup>10</sup>
EU Project partners include: • QinetiQ	Methodologies and Technologies for Industrial Strength Systems Engineering (MATISSE)	£?	April 2000 - Oct 2002 <sup>11</sup>
EPSRC, DERA, Boeing, Rolls Royce Plc, University of Edinburgh, Open University and others	Interdisciplinary Research Collaboration in Advanced Knowledge Technologies - AKT	£7,534,918	Oct 2000 - June 2007 <sup>12</sup>
Defence Advanced Research Projects Agency (DARPA)	Automatic Gait Recognition. Partners include: • Massachusetts Institute of Technology (MIT)	£?	Nov 2000 - Dec 2002 <sup>13</sup>
EPSRC, DERA Malvern and others	Photonic Crystal Circuits and Devices (PCCADS)	£490,752	Nov 2000 - April 2004 <sup>14</sup>
EPSRC, Dstl and others	Micromachined Ultrasonic Filter with Thick-Filmed Piezoelectric Drive for Microfluidic Applications	£249,092	May 2001 - Nov 2004 <sup>15</sup>
EPSRC and Dstl	Magnitude: Mobile Agents Negotiating for Itinerant Users in the Distributed Enterprise	£183,868	July 2001 - Oct 2004 <sup>16</sup>
EPSRC, DERA Fareham and others	RICES: Reasoning About Information Consistency Across Enterprise Solutions	£467,354	July 2001 - Jan 2005 <sup>17</sup>
EPSRC, BAE Systems Advanced Technology Centre, Rolls Royce Plc and others	Grid Enabled Optimisation and Design Search for Engineering (GEODISE)	£2,872,450	Nov 2001 - April 2005 <sup>18</sup>
DTI  Collaboration involves: • QinetiQ Distributed Technology Group	Trusted Software Agents and Services (TSAS) Project	£?	Jan 2003 - Dec 2004 <sup>19</sup>
EPSRC, British Aerospace Plc, QinetiQ (Malvern), Rolls Royce Plc and Ministry of Defence	DARP: Data Fusion DARP: ARGUS II. Southampton's Academic Partner for the project is:  • University of Oxford	£436,234	April 2003 - Mar 2008 <sup>20</sup>
General Dynamics	Defence Technology Centre (DTC) - Biometric Data Fusion for Secure Environments	£?	Sept 2003 - Sept 2006 <sup>21</sup>
Defence Technology Centre	Defence Technology Centre (DTC) -	£?	Oct 2003 - ..

Source/ Sponsor/ Partner	Project	Amount	Year
on Data and Information Fusion (DTC – DIF)  Partners of DTC-DIF include: <ul style="list-style-type: none"> <li>• University of Bristol</li> <li>• University of Cambridge</li> <li>• University of Cardiff</li> <li>• Cranfield Unviersity</li> <li>• Demontfort Unviersity</li> <li>• Imperial College London</li> <li>• QinetiQ</li> <li>• University of Surrey and</li> <li>• University of Lancashire</li> </ul>	Agent-Based Control of Decentralised Systems		Sept 2006 <sup>22</sup>
EPSRC, QinetiQ (Malvern), BAE Systems Avionics (Management) Ltd and others	OMII: Open Middleware Infrastructure Institute	£6,500,000	Jan 2004 - June 2007 <sup>23</sup>
BAE Systems and others	Dynamic Service Composition	£?	Oct 2004 - Oct 2007 <sup>24</sup>
EPSRC, BAE Systems and others	Market Based Control of Complex Computational Systems	£688,578	Feb 2005 - Feb 2010 <sup>25</sup>
EPSRC and MBDA UK Ltd	Next Generation of Interconnection Technology For Multiprocessor SoC	£260,473	Mar 2005 - Feb 2008 <sup>26</sup>
EPSRC, BAE Systems and AMS Ltd	Decentralised Data and Information Systems	£5,469,161	Oct 2005 - Sept 2010 <sup>27</sup>
European Commission (026764)  Partners include: <ul style="list-style-type: none"> <li>• Newcastle Upon Tyne University</li> <li>• QinetiQ and</li> <li>• City University, London</li> </ul>	RESIST: Resilience for Survivability in IST	£?	Jan 2006 - Dec 2008 <sup>28</sup>
General Dynamics	Adaptive Hyper and Multi Spectral Data Fusion for Target Detection and Tracking	£?	Current as of May 2007 <sup>29</sup>
Defence Evaluation and Research Agency  DTI	?  IPAS: Integrated Products and Services	-£4,261^  £?	2005 - 2006 Financial Year <sup>30</sup>  Oct 2005 - Sept 2007 <sup>31</sup>
Project Partners include: <ul style="list-style-type: none"> <li>• Rolls Royce Plc</li> <li>• University of Sheffield</li> <li>• University of Cambridge</li> </ul>			

Source/ Sponsor/ Partner	Project	Amount	Year
<ul style="list-style-type: none"> <li>University of Aberdeen and</li> <li>University of Southampton</li> </ul>			

### Optoelectronics Research Centre

Source/ Sponsor/ Partner	Project	Amount	Year
EPSRC, Naval Research Laboratories and others	Integrated Microsphere Planar Lightwave Circuits	£642,561	Dec 2004 - May 2009 <sup>32</sup>
AWE Management Ltd	?	£9,226	2005 - 2006 Financial Year <sup>33</sup>
BAE Systems Operations Ltd	?	£148, 023	2005 - 2006 Financial Year <sup>34</sup>
Boeing	?	-£4,151 <sup>^</sup>	2005 - 2006 Financial Year <sup>35</sup>
QinetiQ	?	£104,747	2005 - 2006 Financial Year <sup>36</sup>
United States Air Force	?	£123,859	2005 - 2006 Financial Year <sup>37</sup>

### School of Engineering Sciences

Source/ Sponsor/ Partner	Project	Amount	Year
EPSRC and Vosper Thornycroft (UK) Ltd	Joint Research Equipment Initiative (JREI): Accelerated Ageing Facility for the Study of the Long-Term Performance of Structural Materials	£85,000	Feb 1998 - Jan 2001 <sup>38</sup>
EPSRC and British Aerospace Plc	Computational Aerodynamics Using DNS	£189,706	Jan 1999 - Dec 2001 <sup>39</sup>
EPSRC, BAE Systems Plc and Rolls Royce Plc	Joint Research Equipment Initiative [JERI]: DARP: British Aerospace - Rolls Royce University Technology Partnership In Design. Based in the Computational Engineering and Design Group (CEDG). Other aims of the UTC are based at: <ul style="list-style-type: none"> <li>University of Cambridge's Engineering Design Centre and</li> <li>University of Sheffield's Institute for Work Psychology</li> </ul>	£62,363	Mar 1999 - Feb 2002 <sup>40</sup>
EPSRC,	Use of Pre-Formed Composites for	£106,214	July 1999 -

<b>Source/ Sponsor/ Partner</b>	<b>Project</b>	<b>Amount</b>	<b>Year</b>
Vosper Thornycroft (UK) Ltd and others	Cost-Effective Fast Marine Craft Construction		Dec 2001 <sup>41</sup>
EPSRC, British Aerospace, Rolls Royce Plc and others	DARP: Flexible Engineering Design Methods using Knowledge Based CAD Systems and Evolutionary Search Methods	£299,670	Oct 1999 - Sept 2002 <sup>42</sup>
EPSRC and BAE Systems Plc	DARP: Shock Boundary Layer Interaction: Direct Simulation and Experiment	£146,872	Dec 1999 - Dec 2002 <sup>43</sup>
EPSRC, Ministry of Defence and others	Development of Electrochemical Techniques to Monitor Stainless Steel Components in Flowing Corrosive Media	£122,730	Feb 2000 - Jan 2002 <sup>44</sup>
EPSRC, Westland Helicopters Ltd, QinetiQ Ltd and others	DARP: Innovation of Age-Forming Through Development of New Damage Tolerant Alloys	£384,487	Aug 2000 - July 2004 <sup>45</sup>
EPSRC, Ministry of Defence and others	Novel Integrated Modelling Approach For Strength Predictions of 2Xxx Alloys	£63,118	Jun 2001 - Jun 2003 <sup>46</sup>
EPSRC and Dstl (Farnborough)	Understanding the Fluid Dynamics of Rotor Wake Breakdown in Low Speed Flight	£131,843	Jan 2003 - Mar 2006 <sup>47</sup>
EPSRC and EADS Astrium	Constrained Control Methods for Autonomous Satellite Formation Flying Systems	£157,771	June 2003 - Oct 2006 <sup>48</sup>
EPSRC, British Aerospace Plc, QinetiQ Ltd and Rolls Royce Plc	DARP: HPCx Resources for MSTTAR DARP Research Response 4: Blade and Cavity Noise	£0	Nov 2003 - April 2007 <sup>49</sup>
EPSRC, Society of British Aerospace Companies, BAE Systems and others	Future Flight - Greener by Design	£121,264	Aug 2004 - Dec 2005 <sup>50</sup>
EPSRC, VT Group (Halmatic Ltd) and others	Design of High-Performance Marine Craft from a Human Factors Perspective	£578,916	Mar 2005 - Feb 2008 <sup>51</sup>
EPSRC, EADS Astrium and others	Equipment for Satellite Formation Flying Control System Verification	£80,214	June 2005 - May 2006 <sup>52</sup>
EPSRC, AWE Aldermaston and others	Application of Thermoelastic Stress Analysis as a Design Tool for the Assessment of Complex Composite Components	£123,251	May 2006 - May 2009 <sup>53</sup>
EPSRC,	Development of a Quality	£144,456	July 2006 -

<b>Source/ Sponsor/ Partner</b>	<b>Project</b>	<b>Amount</b>	<b>Year</b>
GKN Westland Aerospace (IoW) and others	Assessment Tool for Electron Beam Textured Surfaces (DTI bid called 'ASTIA')		July 2009 <sup>54</sup>
EPSRC, QinetiQ Ltd and others	MEMS Components Formed From Nanostructural Metals	£93,891	Aug 2006 - July 2009 <sup>55</sup>
EPSRC, Dstl and others	Ultrasonic Manipulation and Transport of DNA Molecules in Evanescent Light Fields	£338,236	Aug 2006 - Aug 2009 <sup>56</sup>
Boeing	?	£4,403	2005 - 2006 Financial Year <sup>57</sup>
Defence Evaluation and Research Agency	?	£24,009	2005 - 2006 Financial Year <sup>58</sup>
QinetiQ	?	£12,385	2005 - 2006 Financial Year <sup>59</sup>
Rolls Royce Plc	?	£248,204	2005 - 2006 Financial Year <sup>60</sup>
United States Navy	?	-£2,625 <sup>^</sup>	2005 - 2006 Financial Year <sup>61</sup>

### **School of Chemistry**

<b>Source/ Sponsor/ Partner</b>	<b>Project</b>	<b>Amount</b>	<b>Year</b>
EPSRC and AWE Plc	An Experimental Investigation of Laser Generated Cavitation and its Effects on Surface Coatings	£78,840	Jan 2003 - June 2006 <sup>62</sup>
Defence Evaluation and Research Agency	?	£14,546	2005 - 2006 Financial Year <sup>63</sup>
Ministry of Defence	?	-£425 <sup>^</sup>	2005 - 2006 Financial Year <sup>64</sup>
QinetiQ	?	£12,419	2005 - 2006 Financial Year <sup>65</sup>

### **Institute of Sound and Vibration Research**

<b>Source/ Sponsor/ Partner</b>	<b>Project</b>	<b>Amount</b>	<b>Year</b>
EPSRC and DERA (Bingleaves)	Rapid Assessment of Bubble Population in Shallow Water for	£109,499	July 1999 - July 2002 <sup>66</sup>

Source/ Sponsor/ Partner	Project	Amount	Year
	Enhancement of High-Frequency Sonar Operation		
EPSRC, Dstl – Joint Grant Scheme (JGS)	The Prediction of Acoustic Loads on Aircraft Structures for Acoustic Fatigue Assessment	£240,157	April 2000 - Oct 2003 <sup>67</sup>
QinetiQ	?	£9,423	2005 -2006 Financial Year <sup>68</sup>
Rolls Royce Plc	?	£126,918	2005 - 2006 Financial Year <sup>69</sup>

### **School of Civil Engineering and the Environment**

Source/ Sponsor/ Partner	Project	Amount	Year
EPSRC, QinetiQ (Malvern) and others	Innovation in Design, Construction and Operation of Building for People (IDCOP)	£1,733,507	July 2004 - Feb 2009 <sup>70</sup>
EPSRC, University College, London, Swedish Defence Research Establishment and others	PLATFORM: Processes, Mechanics and Management of Residual Wastes	£461,149	Nov 2004 - Oct 2009 <sup>71</sup>
EPSRC, Boeing, Thales and others	Pervasive Mobile Environmental Sensor Grids	£321,463	Oct 2006 - Sept 2009 <sup>72</sup>

### **School of Mechanical Engineering**

Source/ Sponsor/ Partner	Project	Amount	Year
EPSRC, Ministry of Defence and others	Networking: Tribo-Corrosion Network (TRICORR-NET)	£62,160	Feb 2001 - Feb 2003 <sup>73</sup>

### **Department of Maths**

Source/ Sponsor/ Partner	Project	Amount	Year
Ministry of Defence	?	£18,859	2005 - 2006 Financial Year <sup>74</sup>

### **National Oceanography Centre, Southampton**

Source/ Sponsor/ Partner	Project	Amount	Year
Defence Evaluation and	?	£375	2005 - 2006 --

Source/ Sponsor/ Partner	Project	Amount	Year
Research Agency			Financial Year <sup>75</sup>
Ministry of Defence	?	£67,025	2005 - 2006 Financial Year <sup>76</sup>
United States Navy	?	£543	2005 - 2006 Financial Year <sup>77</sup>

### **School of Social Sciences**

Source/ Sponsor/ Partner	Project	Amount	Year
Ministry of Defence	?	£45,848	2005 - 2006 Financial Year <sup>78</sup>

### **School of Ocean and Earth Science**

Source/ Sponsor/ Partner	Project	Amount	Year
Ministry of Defence	?	£11,254	2005 - 2006 Financial Year <sup>79</sup>
United States Navy	?	£2,825	2005 - 2006 Financial Year <sup>80</sup>

### **School of Physics**

Source/ Sponsor/ Partner	Project	Amount	Year
QinetiQ	?	£15,657	2005 - 2006 Financial Year <sup>81</sup>
United States Air Force	?	£2,287	2005 - 2006 Financial Year <sup>82</sup>

### **Miscellaneous**

Source/ Sponsor/ Partner	Project	Amount	Year
AWE	Income from Sponsored Research	£194,000	2000 – 2001 Financial Year <sup>83</sup>
BAE Systems (Operations) Ltd	Income from Sponsored Research	£164,000	2000 – 2001 Financial Year <sup>84</sup>
Defence Evaluation Research Agency	Income from Sponsored Research	£853,000	2000 – 2001 Financial Year <sup>85</sup>
Marconi Space and Defence	Income from Sponsored Research	£46,000	2000 – 2001 Financial Year <sup>86</sup>
Ministry of Defence (Liverpool)	Income from Sponsored Research	£356,000	2000 – 2001 Financial Year <sup>87</sup>
Rolls Royce Plc	Income from Sponsored Research	£508,000	2000 – 2001 Financial Year <sup>88</sup>
United States Navy	Income from Sponsored	£194,000	2000 – 2001 --

Source/ Sponsor/ Partner	Project	Amount	Year
	Research		Financial Year <sup>89</sup>
BAE Systems	Income from Sponsored Research	£137,000	2001 – 2002 Financial Year <sup>90</sup>
Matra Marconi Space UK	Income from Sponsored Research	£40,000	2001 – 2002 Financial Year <sup>91</sup>
Ministry of Defence	Income from Sponsored Research	£206,000	2001 – 2002 Financial Year <sup>92</sup>
QinetiQ Plc	Income from Sponsored Research	£979,000	2001 – 2002 Financial Year <sup>93</sup>
Rolls Royce Plc	Income from Sponsored Research	£493,000	2001 - 2002 Financial Year <sup>94</sup>
United States Air Force	Income from Sponsored Research	£227,000	2001 - 2002 Financial Year <sup>95</sup>
United States Navy	Income from Sponsored Research	£140,000	2001 - 2002 Financial Year <sup>96</sup>
BAE Systems	2002 BAE Systems Chairman's Award for Innovation in Flight Simulation	£?	2002 <sup>97</sup>
BAE Systems	Income from Sponsored Research	£89,000	2002 - 2003 Financial Year <sup>98</sup>
Boeing	Income from Sponsored Research	£73,000	2002 - 2003 Financial Year <sup>99</sup>
Ministry of Defence	Income from Sponsored Research	£238,000	2002 - 2003 Financial Year <sup>100</sup>
QinetiQ Plc	Income from Sponsored Research	£392,000	2002 - 2003 Financial Year <sup>101</sup>
Rolls Royce Plc	Income from Sponsored Research	£516,000	2002 - 2003 Financial Year <sup>102</sup>
United States Air Force	Income from Sponsored Research	£295,000	2002 - 2003 Financial Year <sup>103</sup>
United States Navy	Income from Sponsored Research	£28,000	2002 - 2003 Financial Year <sup>104</sup>
BAE Systems	Income from Sponsored Research	£121,000	2003 - 2004 Financial Year <sup>105</sup>
Boeing	Income from Sponsored Research	£44,000	2003 - 2004 Financial Year <sup>106</sup>
QinetiQ Plc	Income from Sponsored Research	£469,000	2003 - 2004 Financial Year <sup>107</sup>
Rolls Royce Plc	Income from Sponsored Research	£553,000	2003 - 2004 Financial Year <sup>108</sup>
Smiths Aerospace Electronic Systems	Income from Sponsored Research	£21,000	2003 - 2004 Financial Year <sup>109</sup>
United States Air Force	Income from Sponsored	£140,000	2003 - 2004

Source/ Sponsor/ Partner	Project	Amount	Year
	Research		Financial Year <sup>110</sup>
BAE Systems	Income from Sponsored Research	£309,000	2004 - 2005 Financial Year <sup>111</sup>
QinetiQ Plc	Income from Sponsored Research	£247,000	2004 - 2005 Financial Year <sup>112</sup>
Rolls Royce Plc	Income from Sponsored Research	£390,000	2004 - 2005 Financial Year <sup>113</sup>
United States Air Force	Income from Sponsored Research	£126,000	2004 - 2005 Financial Year <sup>114</sup>
BAE Systems	Income from Sponsored Research	£413,000	2005 - 2006 Financial Year <sup>115</sup>
Boeing	Income from Sponsored Research	£24,000	2005 - 2006 Financial Year <sup>116</sup>
Hunting-BRAE Ltd	Income from Sponsored Research	£41,000	2005 - 2006 Financial Year <sup>117</sup>
QinetiQ Group Plc	Income from Sponsored Research	£229,000	2005 - 2006 Financial Year <sup>118</sup>
Rolls Royce Plc	Income from Sponsored Research	£185,000	2005 - 2006 Financial Year <sup>119</sup>
United States Air Force	Income from Sponsored Research	£24,000	2005 - 2006 Financial Year <sup>120</sup>

### **Other Projects of Note**

<b>Project ending 2000, School of Ship Science</b>			
Source/ Sponsor/ Partner	Project	Amount	Year
EPSRC, Ministry of Defence and others	Damage Detection and Characterisation in Fibre Reinforced Plastics Using IR Emissions	£58,988	Jan to Dec 2000 <sup>121</sup>

### **Notation**

^ Projects with ‘-£’ showed this notation in the original data source. They have not been included in the monetary total for the university.

£? Denotes projects whose value we were unable to discover.

### **Endnotes**

<sup>1</sup> “University of Southampton links with BAE Systems in Major New Research Partnership”. University of Southampton, Media Centre, Press Release Archive. [http://www.soton.ac.uk/mediacentre/news/2004/may/04\\_65.shtml](http://www.soton.ac.uk/mediacentre/news/2004/may/04_65.shtml). 9 May 2007.

<sup>2</sup> “Prof Jan K Sykulski: Grants”. University of Southampton, School of Electronics and Computer Science. <http://www.ecs.soton.ac.uk/people/jks>. 9 May 2007.

<sup>3</sup> “Prof Jan K Sykulski: Grants”. University of Southampton, School of Electronics and Computer Science. <http://www.ecs.soton.ac.uk/people/jks>. 9 May 2007.

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- <sup>4</sup> “Prof Jan K Sykulski: Grants”. University of Southampton, School of Electronics and Computer Science. <http://www.ecs.soton.ac.uk/people/jks>. 9 May 2007.
- <sup>5</sup> “Prof Jan K Sykulski: Grants”. University of Southampton, School of Electronics and Computer Science. <http://www.ecs.soton.ac.uk/people/jks>. 9 May 2007.
- <sup>6</sup> “Prof Jan K Sykulski: Grants”. University of Southampton, School of Electronics and Computer Science. <http://www.ecs.soton.ac.uk/people/jks>. 9 May 2007.
- <sup>7</sup> “Prof Jan K Sykulski: Grants”. University of Southampton, School of Electronics and Computer Science. <http://www.ecs.soton.ac.uk/people/jks>. 9 May 2007.
- <sup>8</sup> “Team-Oriented Problem Solving in a Battlefield Simulation”. University of Southampton, School of Electronics and Computer Science, Research, Projects. <http://www.ecs.soton.ac.uk/research/projects/TOPS>. 9 May 2007.
- <sup>9</sup> “Details of Grant”. Engineering and Physical Sciences Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=GR/M83582/01>. 9 May 2007. And; “Knowledge Capture, Sharing and Reuse in the Design Process”. University of Southampton, School of Electronics and Computer Science, Learning Societies Lab, Projects. <http://www.ltg.ecs.soton.ac.uk/projects/KCSR.html>. 9 May 2007.
- <sup>10</sup> “Details of Grant”. Engineering and Physical Sciences Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=GR/N11513/01>. 9 May 2007.
- <sup>11</sup> “Methodologies and Technologies for Industrial Strength Systems Engineering”. University of Southampton, School of Electronics and Computer Science, Research, Projects. <http://www.ecs.soton.ac.uk/research/projects/MATISSE>. 9 May 2007.
- <sup>12</sup> “Details of Grant”. Engineering and Physical Sciences Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=GR/N15764/01>. 9 May 2007.
- <sup>13</sup> “Automatic Gait Recognition”. University of Southampton, School of Electronics and Computer Science, Research, Projects. <http://www.ecs.soton.ac.uk/research/projects/gait>. 9 May 2007.
- <sup>14</sup> “Details of Grant”. Engineering and Physical Sciences Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=GR/N37261/01>. 9 May 2007.
- <sup>15</sup> “Details of Grant”. Engineering and Physical Sciences Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=GR/R13333/01>. 9 May 2007.
- <sup>16</sup> “Details of Grant”. Engineering and Physical Sciences Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=GR/N35816/01>. 9 May 2007. And; “Magnitude: Mobile Agents Negotiating for Itinerant Users in the Distributed”. University of Southampton, School of Electronics and Computer Science, Research, Projects. <http://www.ecs.soton.ac.uk/research/projects/Magnitude>. 9 May 2007.
- <sup>17</sup> “Details of Grant”. Engineering and Physical Sciences Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=GR/R31973/01>. 9 May 2007.
- <sup>18</sup> “Details of Grant”. Engineering and Physical Sciences Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=GR/R67705/01>. 9 May 2007.
- <sup>19</sup> “Trusted Software Agents and Services”. University of Southampton, School of Electronics and Computer Science, Research, Projects. <http://www.ecs.soton.ac.uk/research/projects/TSAS>. 9 May 2007.
- <sup>20</sup> “Details of Grant”. Engineering and Physical Sciences Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=GR/S20727/01>. 9 May 2007. And; “Argus II: Decentralised Data Fusion”. Southampton University, School of Electronics and Computer Science, Learning Societies Lab, Projects. <http://www.ltg.ecs.soton.ac.uk/projects/ARGUS.html>. 9 May 2007.
- <sup>21</sup> “DTC - Biometric Data Fusion for Secure Environments”. University of Southampton, School of Electronics and Computer Science, Research, Projects. <http://www.ecs.soton.ac.uk/research/projects/Biometric-Fusion>. 9 May 2007.
- <sup>22</sup> “The DIF DTC Partners in Phase II are ...”. Data and Information Fusion Defence Technology Centre.

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[http://www.difdtc.com/partners/partners\\_home.htm](http://www.difdtc.com/partners/partners_home.htm). 9 May 2007. And; "Agent-Based Control of Decentralised Systems". University of Southampton, School of Electronics and Computer Science, Research, Projects. <http://www.ecs.soton.ac.uk/research/projects/DTC>. 9 May 2007.

<sup>23</sup> "Details of Grant". Engineering and Physical Sciences Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=GR/S90843/01>. 9 May 2007.

<sup>24</sup> "Dynamic Service Composition". University of Southampton, School of Electronics and Computer Science, Research, Projects. <http://www.ecs.soton.ac.uk/research/projects/dsc>. 9 May 2007.

<sup>25</sup> "Details of Grant". Engineering and Physical Sciences Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=GR/T10664/01> 9 May 2007. And; "Market-based control". University of Southampton, School of Electronics and Computer Science. <http://www.ecs.soton.ac.uk/research/projects/mbc>. 04 June 2007.

<sup>26</sup> "Details of Grant". Engineering and Physical Sciences Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=EP/C512804/1>. 9 May 2007.

<sup>27</sup> "Details of Grant". Engineering and Physical Sciences Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=EP/C548051/1>. 9 May 2007.

<sup>28</sup> "ReSIST: Resilience for Survivability in IST". University of Southampton, School of Electronics and Computer Science, Research, Projects. <http://www.ecs.soton.ac.uk/research/projects/ReSIST>. 9 May 2007.

<sup>29</sup> "Adaptive Hyper and Multi Spectral Data Fusion for Target Detection and Tracking". University of Southampton, School of Electronics and Computer Science, Research, Projects. <http://www.ecs.soton.ac.uk/research/projects/HyperSpect>. 9 May 2007.

<sup>30</sup> Harry Daggenhurst. Legal Advisor, University of Southampton. 19 January 2007. Sent to Fellowship of Reconciliation.

<sup>31</sup> "IPAS: Integrated Products and Services". University of Southampton, School of Electronics and Computer Science, Research, Projects. <http://www.iam.ecs.soton.ac.uk/projects/IPAS.html>. 9 May 2007.

<sup>32</sup> "Details of Grant". Engineering and Physical Sciences Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=GR/S96500/01>. 9 May 2007.

<sup>33</sup> Harry Daggenhurst. Legal Advisor, University of Southampton. 19 January 2007. Sent to Fellowship of Reconciliation.

<sup>34</sup> Harry Daggenhurst. Legal Advisor, University of Southampton. 19 January 2007. Sent to Fellowship of Reconciliation.

<sup>35</sup> Harry Daggenhurst. Legal Advisor, University of Southampton. 19 January 2007. Sent to Fellowship of Reconciliation.

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