

*"[The Faculty of Engineering]...is also a foundation member of the MoD's first Defence Technology Centre (DTC) and each centre attracts approximately £30 M[illion] spread across six years. The College has already secured £1.7 M[illion] for the first three years and we expect to increase this figure. It goes without saying that we will be bidding for a similar sum for the second three-year period. There is already strong evidence to suggest that the DTC is spawning numerous other opportunities to work with industry."*¹

- Imperial College London website

Imperial College London 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) |
|-----------------------|---------------------------------------|--|--------------------------------------|--|
| 95 | £24,642,446 | a) 7th b) 7th | 1) EPSRC 2) MoD 3) BAE Systems | 1=) Electrical and Electronic Engineering 1=) Aeronautics 2) Materials |

School of Aeronautics

| Source/ Sponsor/ Partner | Project | Amount | Year |
|---|---|----------|-------------------------------------|
| EPSRC, Vosper Thornycroft (UK) Ltd, Ministry of Defence, Dowty Propellers (Smiths Group) and others | Numerical Simulation of the Processing of Thick Composite Structures | £217,897 | June 1999 – Nov 2002 ² |
| EPSRC and Rolls Royce Plc | MTP99: Advanced Computational Methods for Aeronautics Flow Management and Fluid Structure Interaction | £535,913 | Sept 2000 – Mar 2004 ³ |
| EPSRC and British Aerospace Plc | DARP: Development of Turbulence Models for Complex Strain using DNS Data for Separated & 3D Flows | £141,741 | June 2001 – Apr 2004 ⁴ |
| EPSRC, Ministry of Defence and others | Mode Jumping in Post Buckled Stiffened Composite Aerostructures | £65,974 | Sept 2001 – Sept 2004 ⁵ |
| Dstl | Research Grant | £? | Since 2001 ⁶ |
| QinetiQ | Research Grant | £? | Since 2001 ⁷ |
| US Navy | Research Grants (2) | £? | Since 2001 ⁸ |
| Defence Science & Technology Laboratory | AEDZ-Aerodynamics Section | £135,000 | Mar 2003 ⁹ |
| EPSRC, British Aerospace Plc, QinetiQ Ltd and Rolls Royce Plc | DARP: Measurement and Modelling of Turbulent Under-Expanded Jets | £171,326 | Sept 2003 – Sept 2006 ¹⁰ |

| Source/ Sponsor/ Partner | Project | Amount | Year |
|--|---|--------------------------|--------------------------------------|
| EPSRC, British Aerospace Plc, QinetiQ Ltd and Rolls Royce Plc | DARP: Highly Swept Leading Edge Separations - Computational Investigation | £228,850 | Sept 2003 – Aug 2007 ¹¹ |
| EPSRC, and BAE Systems Plc | DARP: Modelling Failure Initiation and Damage Progression in RTM Structures | £107,597 | Oct 2003 – July 2007 ¹² |
| ARL (US army), BAE Systems, Dowty Propellers (Smiths Group), DERA, Dstl, DTI, EADS, EPSRC, Halliburton Energy Services, MBDA, MoD, NATO, Office of Naval Research, Polish Airforce Association, QinetiQ, Rolls Royce, Smiths Aerospace, US Army ERO and Westland Helicopters | The Composites Centre for Research, Modelling, Testing and Training Advances Composites Funding is approximately: <ul style="list-style-type: none"> • 37% EPSRC, • 17% from MOD and DTI, and • 46% Industry, EEC, and Overseas Organizations | Total over £6,000,000 | 2004 –2006 ¹³ |
| EPSRC, QinetiQ Ltd and BAE Systems Plc | DARP: Composite Bonded Repairs for Resin Infused Structures: Strength and Fatigue Performance | £182,973 | Feb 2004 – Aug 2007 ¹⁴ |
| Dstl | AESZ-Structures Section | £0 | Mar 2004 ¹⁵ |
| Defence Science & Technology Laboratory | AESZ-Structures Section | £18,000 | Oct 2004 ¹⁶ |
| GKN Westland Helicopters Ltd | AEDZ Aerodynamics Section | £142,709 | Oct 2004 ¹⁷ |
| QinetiQ | CFD and Experimental Modelling of Fuel Jet-Injection and Supersonic Mixing in the Presence of Zero and Finite Pressure Gradients, Applicable to Scramjets | £? | Current as of May 2007 ¹⁸ |
| Defence Science and Technology Laboratory | The Effects of High-Altitude Ice on a Re-Entry Vehicle | £? | Current as of May 2007 ¹⁹ |
| Dstl and EPSRC | Three-Dimensional Hypersonic Shock Wave/ Boundary-Layer Interaction Investigation using Theoretical, Computational and Experimental Techniques | £? | Current as of May 2007 ²⁰ |
| EPSRC and QinetiQ CASE Studentship | Dual-Mode Ramjet/ Scramjet Transition Studies at Hypersonic Speeds Using Computational Methods | £? | Current as of May 2007 ²¹ |

School of Materials

| Source/ Sponsor/ Partner | Project | Amount | Year |
|---|--|----------|---------------------------------------|
| EPSRC, Ministry of Defence and others | Joint Research Equipment Initiative (JREI): Multi-scale Simulation of Materials Processing | £54,587 | Apr 1998 – Apr 2001 ²² |
| EPSRC, Ministry of Defence, Rolls Royce Plc and others | Improved Reliability of Thermal Barrier Coatings | £189,976 | June 1998 – Nov 2001 ²³ |
| EPSRC, Vosper Thornycroft (UK) Ltd, Dowty Propellers (Smiths Group) and Ministry of Defence | Numerical Simulation of the Processing of Thick Composite Structures | £217,897 | June 1999 – Nov 2002 ²⁴ |
| EPSRC, Rolls Royce and others | Solidification Defects in Single Crystal and Secondary Melting Processing of Nickel-Base Superalloys | £242,599 | Oct 1999 – July 2003 ²⁵ |
| EPSRC, Rolls Royce and others | Integrated Process Modelling for Gas Turbine Manufacture | £222,533 | Sept 2000 – Feb 2004 ²⁶ |
| EPSRC, Ministry of Defence and Rolls Royce Plc | Crystallographic Characterisation of Creep Deformation in Sx Superalloys Under Multiaxial Loading | £283,994 | Dec 2000 – June 2004 ²⁷ |
| EPSRC, DERA Malvern and others | (Re) Bco Coated Conductor Processing by Liquid Phase Epitaxy | £222,097 | Apr 2001 – Aug 2003 ²⁸ |
| QinetiQ | Grants to Support 2 Postgraduate Students | £? | Since 2001 ²⁹ |
| Office of Naval Research | Grants to Support 1 Postgraduate Student | £? | Since 2001 ³⁰ |
| EPSRC, Rolls Royce and others | Simulation of Microstructural Defects in Investment Cast Turbine Blades | £256,425 | Oct 2002 – Mar 2006 ³¹ |
| EPSRC, Rolls Royce Plc and others | Quantification of the Conditions Leading to the Formation of Defects in SX Superalloy Processing | £310,399 | Apr 2004 – Mar 2007 ³² |
| EPSRC and Rolls Royce Plc | Effect of Texture on Performance in Ti6Al-4V | £123,648 | Oct 2004 – Sept 2007 ³³ |
| EPSRC, Rolls Royce Plc and others | Accounting for Spatial and Temporal Variations of Microstructure on Creep-Related Behaviour of Nickel-Base Superalloys | £367,807 | Oct 2005 – Oct 2008 ³⁴ |
| EPSRC, Rolls Royce Plc and others | Measurement and Modelling of Electrical, Transport and Phase-Change Phenomena and Application to Vacuum Arc Remelting for Optimal Material Quality | £88,445 | Oct 2006 – Oct 2009 ³⁵ |

School of Mechanical Engineering

| Source/ Sponsor/ Partner | Project | Amount | Year |
|--|--|----------|--------------------------------------|
| EPSRC, BAE Systems Operations Ltd, British Aerospace Plc and others | Ultrasonic Transducer Design and Communications for Intelligent Monitoring of Structures | £108,112 | June 1999 – May 2002 ³⁶ |
| EPSRC, Westland Helicopters Ltd and others | Behaviour of Lubricants at Asperities in Mixed Lubrication | £209,014 | Oct 2000 – Sept 2003 ³⁷ |
| EPSRC, Rolls Royce Plc and others | Thermosonics - A New, Quick Technique for Crack Detection | £244,360 | Sept 2003 – Aug 2006 ³⁸ |
| Ministry of Defence | MEND – Non-Destructive Testing Group | £8,500 | April 2005 ³⁹ |
| Rolls Royce Plc (Ministry of Defence original funder) | MESM Mechanics of Materials Group | £99,681 | Oct 2005 ⁴⁰ |
| EPSRC, BAE Systems Advanced Technology Centre and others | Efficient Structural Health Monitoring Systems using Sparse Distributed Sensor Arrays. | £244,372 | Oct 2005 – Sept 2008 ⁴¹ |
| BAe, DERA, EPSRC and others | Computational Mechanics Group, Previously known as the Nuclear Power Section | £? | Current as of May 2007 ⁴² |

School of Electrical & Electronic Engineering

| Source/ Sponsor/ Partner | Project | Amount | Year |
|---|---|---|--|
| EPSRC, British Aerospace, DERA Malvern and others | Optoelectronic Crosspoint Switch (STAR) | £? | 1998 – 2001 ⁴³ |
| EPSRC, QinetiQ (Malvern) and others | SIGE for MOS Technologies | £204,685 | Oct 1998 – Mar 2002 ⁴⁴ |
| Funded by MoD and DoD (US) | International Technology Alliance grant | \$2,670,000 | 2006 (potentially until 2015) ⁴⁵ |
| Consortium led by IBM US industry consortium partners include: - The Boeing Company | International Technology Alliance (ITA) in Network and Information Sciences. The ITA brings together leading U.S. and UK commercial and academic organisations in four interconnected areas of research: Network Theory; Security across a System of Systems; Sensor Information Processing and Delivery; and Distributed Coalition Planning and Decision Making. | Total Project Value up to \$135,800,000 | |

| Source/ Sponsor/ Partner | Project | Amount | Year |
|--|---|------------|-------------------------------------|
| | <p>The [ITA] is one of the world's largest collaborative technology programmes.</p> <p>UK Academic partners include:</p> <ul style="list-style-type: none"> • Imperial College, London, • University of Aberdeen, • University of Cambridge, • University of Cranfield, • Royal Holloway and Bedford New College (University of London), • University of Southampton, and • University of York | | |
| QinetiQ (Subcontracted to Microsaic Systems) | RF MEMS for Space | £? | 2001 ⁴⁶ |
| MoD | <ul style="list-style-type: none"> • Advanced Signal Processing Algorithms | £42,000 | 2001 – 2002 |
| | <ul style="list-style-type: none"> • Low Group Delay Compensation Filter Design | £11,500 | 2000 - 2001 ⁴⁷ |
| EPSRC, DERA Malvern and others | Technologies For Microengineered Power Systems (Tempos) | £211,738 | June 2001 – June 2004 ⁴⁸ |
| General Dynamics | Grants to support 11 Postgraduate students (8 grants made in total) | £? | Since 2001 ⁴⁹ |
| BAE Systems | Grants to support 2 Postgraduate students | £? | Since 2001 ⁵⁰ |
| Thales, BAE Systems, QinetiQ and others | EU VICTORIA: Validation on Platform for Integration of Standardised Components, Technologies and Tools in an Open, Modular and Improved Aircraft Electronic System. Associate Contractor: Smiths Aerospace | £? | Dec 2002 – June 2004 ⁵¹ |
| Dstl (Fort Halstead) and EADS/ Astrium | C6 ₀ AT's nanowhiskers | £? | 2003 ⁵² |
| BAE Systems, EADS/ Astrium and others | RF MEMS Filters | £? | 2003 ⁵³ |
| QinetiQ and MoD | C2 Agents | £240,000 | Apr 2003 – Sept 2006 ⁵⁴ |
| General Dynamics UK Ltd | Adaptive Networks | £55,000 | Oct 2003 – Sept 2006 ⁵⁵ |
| General Dynamics UK Ltd and MoD | Advanced Data Fusion Systems/Project 6.8 DIF DTC | £486,000 | Oct 2003 – Nov 2006 ⁵⁶ |
| EPSRC and | Decentralised Data and | £1,100,000 | Oct 2005 – |

| Source/ Sponsor/ Partner | Project | Amount | Year |
|--|---|------------|---|
| BAE | Information Systems | | Sept 2010 ⁵⁷ |
| Thales Research Ltd (Original Funder DTI) | EESB Communications and Signal Processing Research | £121,219 | Nov 2005 ⁵⁸ |
| MoD and DoD | WP3 on Sensor Networks as part of the International Technology Alliance (ITA) | £1,400,000 | Aug 2006 – Sept 2010 ⁵⁹ |
| General Dynamics UK Ltd and MoD | Hierarchical Activation for Multiple Model Execution and Recognition (Demiris) | £509,000 | Sept 2006 – Aug 2009 ⁶⁰ |
| EPSRC, BAE Systems Ltd and MoD | The Behaviour, Performance and Control of Systems of Interacting Collaborative or Adversarial Agents | £? | Current as of May 2007 ⁶¹ |
| EPSRC, MoD and others | Wired and Wireless Autonomic Communications | £? | Current as of May 2007 ⁶² |

School of Civil and Environmental Engineering

| Source/ Sponsor/ Partner | Project | Amount | Year |
|---|---|------------------------------|---------------------------|
| EPSRC, Defence Science & Technology Laboratory (MoD) | Residual Strength and Stiffness of Blast Damaged Composite Panels. Included Postdoctoral Research Associate (PDRA) under the Joint Grant Scheme (JGS) | Project Value £238,000 | 2006 - 2009 ⁶³ |

School of Physics

| Source/ Sponsor/ Partner | Project | Amount | Year |
|--|---|------------|---------------------------------------|
| EPSRC, QinetiQ (Malvern) and others | A SIGE on Insulator Technology for High Speed, Low Power Mobile Communications Applications | £123,647 | Sept 1997 – Feb 2001 ⁶⁴ |
| EPSRC, Ministry of Defence and others | UK Quantum Optics Network | £51,571 | Feb 1998 – Feb 2001 ⁶⁵ |
| EPSRC, Los Alamos National Laboratory, DERA Malvern and others | High Field Magnetic Imaging of Superconductors and Other Materials | £252,352 | Mar 2001 – Feb 2004 ⁶⁶ |
| EPRSC, DTC Research Centre, BAE Systems Avionics (Management) Ltd, DERA Malvern, Thales Optics UK Ltd and others | MTP: Optics and Photonics | £1,384,969 | May 2001 – May 2004 ⁶⁷ |
| ESPRC, DERA Malvern and others | (Re) Bco Coated Conductor Processing by Liquid Phase Epitaxy (NB included as both 'other investigators" are from Imperial) | £52,490 | Sept 2003 – Mar 2004 ⁶⁸ |
| Atomic Weapons | PHPL - Plasma Physics Group | £300,815 | Oct 2003 ⁶⁹ |

| Source/ Sponsor/ Partner | Project | Amount | Year |
|---------------------------------|--|---------------|-----------------------------------|
| Establishment Plc | | | |
| ESPRC and Dstl | Energetic Protons and Ions from High Intensity Laser Plasma Interactions | £483,459 | Jan 2005 – Dec 2007 ⁷⁰ |

School of Electronic Materials & Devices

| Source/ Sponsor/ Partner | Project | Amount | Year |
|---|---|---------------|-----------------------------------|
| ESPRC, British Aerospace Plc and others | IN-Plane and Vertical Cavity Quantum Dot Lasers | £244,785 | May 1999 – May 2001 ⁷¹ |

School of Chemistry

| Source/ Sponsor/ Partner | Project | Amount | Year |
|----------------------------------|--|---------------|------------------------|
| Atomic Weapons Establishment Plc | CHBBC Biological and Biophysical Chemistry | £118,035 | Oct 2002 ⁷² |

Chemical Engineering and Chemical Technology

| Source/ Sponsor/ Partner | Project | Amount | Year |
|---|---|---------------|--|
| EPSRC, Rolls Royce Plc and others | Catalyst Configurations for Indirect Internal Reforming of Methane in SOFCS | £189,619 | Mar 1998 – Sept 2001 ⁷³ |
| EPSRC, Rolls Royce Plc and others | Development of an Internally Reforming Solid Oxide Fuel Cell Module | £86,236 | Mar 1999 – Aug 2001 ⁷⁴ |
| Defence Science & Technology Laboratory QinetiQ and MoD | CEMET- Materials Engineering & Technology Hierarchical Thermoset Composites with Carbon Nanotube Grafted Fibres | £? | Mar 2004 ⁷⁵ Current as of May 2007 ⁷⁶ |

School of Molecular Sciences/ Cellular & Molecular Biology

| Source/ Sponsor/ Partner | Project | Amount | Year |
|---|----------------|---------------|------------------------|
| Defence Science & Technology Laboratory | LCCM - CMMI | £100,000 | Dec 2002 ⁷⁷ |
| Defence Science & Technology Laboratory | LCCM - CMMI | £210,000 | May 2004 ⁷⁸ |

Tanaka Business School

| Source/ Sponsor/ Partner | Project | Amount | Year |
|--|---|---------------|-------------------------------------|
| EPSRC and QinetiQ | Chair in Technology Transfer in the Physical Sciences | £1,000,000 | Established 2005 ⁷⁹ |
| NATO Eurofighter and Tornado Management Agency | Maximising the Utility of Business Information Systems in NETMA | £? | Recent as of Mar 2007 ⁸⁰ |
| US Navy | An Analysis of Women Junior Officer Retention in the US Navy | £? | Recent as of Mar 2007 ⁸¹ |
| BAE Systems | Learning in a Complex Environment | £? | Recent as of Mar 2007 ⁸² |

School of Computing

| Source/ Sponsor/ Partner | Project | Amount | Year |
|--------------------------|--|--------|--------------------------------------|
| DTC and BAE Systems | Computing, Optimization and Route Planning for Unmanned Vehicles | £? | Current as of Mar 2007 ⁸³ |

School of Medicine

| Source/ Sponsor/ Partner | Project | Amount | Year |
|--------------------------|---|---------|---------------------------|
| NATO | NATO Advanced Research Workshop: Foresight, Precaution and Risk: Preparing for the Unexpected | £23,000 | 2005 ⁸⁴ |
| NATO Pilot Study and MoD | Managing Effective Risk Response: An Ecological Approach (MERREA) | £69,000 | 2003 – 2005 ⁸⁵ |
| NATO and others | GIS for Emergency Preparedness and Health Risk Reduction: NATO Advanced Research Workshop | £35,000 | 2000 – 2001 ⁸⁶ |

Research Services Division

| Source/ Sponsor/ Partner | Project | Amount | Year |
|--|---|------------|------------------------------|
| BAE Systems | 15 Projects Received Research Funding | £1,157,834 | Since Aug 2003 ⁸⁷ |
| EADS | 1 Project Received Research Funding | £125,000 | Since Aug 2003 ⁸⁸ |
| GKN plc | 1 Project Received Research Funding | £142,709 | Since Aug 2003 ⁸⁹ |
| QinetiQ | 14 Project Received Research Funding | £1,384,430 | Since Aug 2003 ⁹⁰ |
| Rolls Royce, including their University Technology Centres | 17 Project Received Research Funding | £4,050,985 | Since Aug 2003 ⁹¹ |
| Smiths Group Plc | 1 Project Received Research Funding | £105,000 | Since Aug 2003 ⁹² |
| Thales Group | Over 2 Projects Received Research Funding | £338,729 | Since Aug 2003 ⁹³ |
| Ministry of Defence | 5 Project Received Research Funding | £188,986 | Since Aug 2003 ⁹⁴ |
| Defence Science Technology Laboratory | 7 Projects Received Research Funding | £1,006,855 | Since Aug 2003 ⁹⁵ |

Miscellaneous

| Source/ Sponsor/ Partner | Project | Amount | Year |
|--|--|--|--------------------------------------|
| EPSRC and BAE Systems | FLAVIIR: Technologies for Future Unmanned Air Vehicles | Total Project £6,200,000 | Current 5 year project ⁹⁶ |
| Imperial College London Departments involved: | University Partners include: <ul style="list-style-type: none"> Cranfield University, | Nominally split into a 3 year research | |

| | | | |
|--|--|---|--|
| <ul style="list-style-type: none"> Control Systems, Aerodynamics, LES and Turbulence and Materials | <ul style="list-style-type: none"> University of Leicester, University of Liverpool, University of Manchester, University of Nottingham, University of Southampton, University of Wales, Swansea, University of Warwick, and University of York <p>The FLAVIIR Project's Steering Group includes members from</p> <ul style="list-style-type: none"> Ministry of Defence BAE Systems | phase followed by a 2 year demonstration phase. | |
|--|--|---|--|

Notation

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

Other projects/information of note

Projects ending 2000, School of Biology

| Source/ Sponsor/ Partner | Project | Amount | Year |
|---|--------------------------|-------------|------------------------|
| Defence Science & Technology Laboratory | LBPM Plant and Microbial | £158,673.20 | Oct 2000 ⁹⁷ |
| Defence Science & Technology Laboratory | LCCM - CMMI | £167,876.80 | Oct 2000 ⁹⁸ |

Project ending 1999, School of Environmental Science and Technology

| Source/ Sponsor/ Partner | Project | Amount | Year |
|--------------------------|-----------------------|----------|------------------------|
| Ministry of Defence | EVMMR – EMMA Research | £121,979 | Dec 1999 ⁹⁹ |

Project ending 2000, School of Physics

| Source/ Sponsor/ Partner | Project | Amount | Year |
|-------------------------------------|---------------------------|----------|------------------------------------|
| EPSRC, QinetiQ (Malvern) and others | SIGE for MOS Technologies | £282,918 | Nov 1997 – Oct 2000 ¹⁰⁰ |

Projects ending 2000, School of Electrical and Electronic Engineering

| Source/ Sponsor/ Partner | Project | Amount | Year |
|--|--|----------|--------------------------------------|
| EPSRC, QinetiQ and others | SIGE for MOS Technologies (Micropower) | £256,085 | Sept 1997 – Sept 2000 ¹⁰¹ |
| EPSRC, Dstl within a Joint Grant Scheme (JGS) and others | Optimisation of Bulk Micromachined Electrostatic Actuators | £124,339 | July 1997 – July 2000 ¹⁰² |

Project ending 2000, School of Mechanical Engineering

| Source/ Sponsor/ Partner | Project | Amount | Year |
|--|--|------------|-------------------------|
| Atomic Defence Weapons Establishment Plc | MEDY Dynamics of Machines and Structures Group | £60,761.50 | Oct 2000 ¹⁰³ |

Endnotes

- ¹ "Research Strategy". Imperial College London, Faculty of Engineering. <http://www3.imperial.ac.uk/engineering/research/strategy/>. 22 March 2007.
- ² "Details of Grant". Engineering and Physical Science Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=GR/M39572/011>. 2 March 2007.
- ³ "Details of Grant". Engineering and Physical Science Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=GR/M80499/01>. 2 March 2007.
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- ⁶ Chris Ince. Freedom of Information Officer, Imperial College, London. 24 June 2006. Sent to Fellowship of Reconciliation.
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- ¹² "Details of Grant". Engineering and Physical Science Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=GR/S31549/01>. 2 March 2007.
- ¹³ "The Composite Centre for Research, Modelling, Testing and Training Advances Composites. Annual Report 2005/ 06". Imperial College London, Faculty of Engineering, Department of Aeronautics. <http://www.imperial.ac.uk/aeronautics/composites/about/annualreport05-06.pdf>. 2 May 2007.
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- ¹⁵ Chris Ince. Freedom of Information Officer, Imperial College, London. 24 June 2006. Sent to Fellowship of Reconciliation.
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- ¹⁷ Chris Ince. Freedom of Information Officer, Imperial College, London. 24 June 2006. Sent to Fellowship of Reconciliation.
- ¹⁸ "Research: Hypersonics – Research Students". Imperial College London, Faculty of Engineering, Department of Aeronautics. <http://www3.imperial.ac.uk/hypersonics/people/researchstudents>. 2 March 2007.
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- ²⁰ "Research: Hypersonics – Research Students". Imperial College London, Faculty of Engineering, Department of Aeronautics. <http://www3.imperial.ac.uk/hypersonics/people/researchstudents>. 22 March 2007.
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⁴³ “Projects of Christos Papavasiliou”. Imperial College London, Faculty of Engineering, Department of Electrical and Electronic Engineering. <http://cas.ee.ic.ac.uk/people/dario/projects/projects.html>. 2 March 2007.

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⁴⁶ “Curriculum Vitae (Summary) – Stepan Lucyszyn”. Imperial College London, Faculty of Engineering, Department of Electrical and Electronic Engineering. <http://www3.imperial.ac.uk/portal/pls/portallive/docs/1/7288492.PDF>. 2 March 2007.

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