Giles Christopher Oatley
BSc MSc (Dist) PhD FHEA MBCS CITP

Self-employed Date of Birth: June 23rd 1967 Married – No Children Languages: Spanish, Portuguese	**Contact:** 7 Wheatall Drive, Sunderland SR6 7HD, United Kingdom Home: +(0044) 191 529 5254 Mobile: +(0044) 790 897 0672 Fax (YAC number): +(0044) 709 289 7922 giles.oatley@gmail.com **http://www.socialworld.co.uk**

Profile:

A proactive, adaptable and conscientious C++, C# and Java developer with many years experience. First-class analytical, design and problem solving skills drawing on a wide range of technical expertise. Overcomes challenges through a tenacious and pragmatic approach. Articulate and diplomatic communicator plus an effective team player with strong leadership and coaching skills. Dedicated to maintaining high quality standards and capable of juggling many tasks. Would enhance a development team and add value to the business.

Overview – Computing skills:

C and C++: C, C#, C++, VC++, Borland C++, COM, MFC, ATL, Active-X, COM
VB and C#: C#, .NET, Visual Studio 2005, CSUnit
Java: J2SE, EJBs and J2EE, JDBC, Swing, JNI, JSPs, Servelets, Struts, Spring, multi-threading
Web: JavaScript, AJAX, XML, XSL/XSLT, ASP, HTML, XHTML, SGML, SSL, CSS
Scripting: MS-WSH (JScript and VBScript), Perl, Unix Shell script, MS batch script
Database technologies: SQL, PL-SQL, XSQL, EJB-QL, JDBC, ODBC, ADO, OLE DB, Hibernate
Database administration: MySQL, Oracle 8i/9i, SQL Server 7.0, MS Access, CVS, Subversion and SourceSafe
Operating systems: Windows (95, 98, NT4, 2000 and XP) and UNIX (Solaris 10, IRIX 6.5 and AIX), Linux (Debian)
Server technologies: IIS (6.0), WebSphere (5.1), Oracle Application Server (9i), Apache Tomcat, JBoss
Software development: Agile, XP, Domain-driven design, System architecture, design patterns, RUP and UML
Build, deploy, test and release: Ant, Msi, Cruise Control, JUnit, HTTPUnit, NUnit, Selenium
Object-oriented skills: design patterns, refactoring, test-driven development

Overview – Soft skills:

Project management: Agile/XP, Scrum, Prince2, requirements management, Rational RequisitePro, MS Project
General: MS Word, MS Excel, MS Powerpoint, Adobe PhotoShop and Macromedia Dreamweaver
Communication: customer focus, facilitating effective communication between individuals and teams
Product support: support and mentoring
Documentation: acceptance criteria, specifications, reports and technical writing

Management/ Consultancy:

- Principal investigator on a number of research proposals in collaboration with UK and EU partners.
- Secured research money for the University amounting approximately to £150,000 from the Home Office, HEFCE, NEEF2 and EPSRC.
- Active in developing ideas for recruitment of partners in University consultancy.
- Programme leader for team involved with forensic computing.
- 6 years of experience meeting northeast businesses across a range of engineering and software engineering areas. Feasibility studies delivered to address a sliding scale of deliverables and costs.

Projects and technical skills:	
2008-Present Retail crime	North East Retail Crime Partnership. First in-depth study of retail crime in the UK.
GIS and ***spatial statistics***. ***Social network analysis*** and ***graph theory***.	
2006-7 MAGNET	Gang and gun crime modeling project – EPSRC funded. MAGNET: 'Modelling Analysis of Gun crime NETworks' – a multidisciplinary project involving 6 UK Universities in partnership with the Greater Manchester Police.
Social network analysis carried out in ***MATLAB/ R*** also using ***PAJEK***. ***GIS*** and ***spatial statistics*** using ***ArcView*** and ***CRIMESTAT*** and MATLAB/ R. Data processing code using ***C#*** and ***SQLServer***. ***AI***/ ***data mining***/ modelling using: ***Bayesian Networks***, ***Cellular Automata***, ***Epidemiological modelling***. ***Graph-data mining*** package ***SUBDUE***.	
May 2006 NEEF2	North East Enabling Fund for PASR2006: Terrorism project. 'Integrating data across Europe to predict terror and harm'; Security research.
Link analysis software and ***text mining*** utilising state-of-the-art ***database*** technologies.	
2006-9 MEDUSA	Gun crime CCTV vision project – EPSRC funded. Multidisciplinary project involving 5 UK Universities and 6 non academic partners.
Image processing (MATLAB) and ***cognitive psychology***.	
2004-5 Fellowship	Crime Matching and Predicting – HEFCE funded. Collaboration with University College London.
Insurance fraud, ***telecommunications data fraud***, ***IBIS gun and cartridge data analysis***. Link analysis and spatial statistics. ***Geocoding data***. Java.	
2001-4 ISEBERG/ ISS	Intelligent Systems for Business Growth/ Intelligent Systems Solutions – ERDF funded. Development of business solutions using state-of-the-art adaptive computing technology.
Statistical analysis, ***neural networks***. Java, C++. Data mining of web sites – ***server log analysis*** - for pro-active marketing and advertising strategies.	
2000-1 OVER	Burglary Reduction Initiatives - Home Office funded. A collaboration between West Midlands Police force and the Centre for Adaptive Systems and Psychology Division at the University of Sunderland. Prediction of repeat victimisation and offender profiling.
C++ Builder. ***STL, Borland Interbase***. TRAJAN neural networks (***STATISTICA***). ***SPSS***. ***HUGIN*** for ***Bayesian belief network***.	
1998-2000 SSDM	Smart Software for Decision Makers – DTI funded. Business solutions, in the areas of Data Mining, Intelligent Control and Condition Monitoring.
Neural networks. C++ Builder.	
1996-8 VCL	Vibration Case Library - DTI 'Spur' award. Condition monitoring.
Case-based reasoning, ***genetic algorithms***. ***Visual Basic***, ***Visual C++***, LPA ***Prolog***.	

Numerical programming:

- MATLAB Mathematics functions, Statistics and Optimisation toolboxes.
- Frequently use *'Numerical recipes in C'* and *'C++'.*
- Taught AI programming (MATLAB toolboxes – image analysis, fuzzy logic, neural networks etc).
- GA Optimisation in complex AI system, in C and later in C#.
- Supervised successful PhD student in Multiobjective optimisation.

Geographical/ travel/ network analysis:

- Experience with the following geospatial technologies:
  - Travel analysis: Distance analysis, Journey (to crime) estimation, Travel Demand Modeling
  - Geographical information systems: ArcView, ArcGis, MapInfo, etc.
  - Spatial statistics: Toolkits, wrote bespoke code, developed and taught material.
  - GPS, GPX, KML
- Experience with social network analysis and link analysis software:
  - Toolkits, wrote bespoke code, developed and taught material.
- Graph theory:
  - Scale free and small world analysis.
  - Implemented geographic network analysis in recent research work.

Qualifications:

2002 Certificate in Education, University of Sunderland
2000 Ph.D. **Artificial Intelligence**, University of Sunderland
1996 MSc (Distinction) **Cognitive Science and Intelligent Systems**, University of Westminster, London
1988 BSc (Hons) **Biochemistry**, Leeds University
1985 A-levels: **Maths**, **Further Maths**, **Chemistry**, **Biology**

Membership of Professional Bodies:

Member of the British Computer Society
Fellow of the Higher Education Academy
Chartered IT Professional

Part-time study:
Open University **PGCE Science** course

Academic skills:

- Senior Lecturer in computing, University of Sunderland, 1997-2007
- Visiting Fellow/ Lecturer in computing, Leeds Metropolitan University, 2007-2008
- Published 7 journal articles, 22 conference papers, 2 book chapters.
- Three successfully completed PhD research students.
- Designer of unique BSc Forensic Computing ('forensic data analysis').
- Designer of core AI, GIS, spatial statistics and social network modules for BSc Forensic Computing.
- Module leader for various programming language, statistics and AI modules:
    - ***UML, Java***, ***C++***, ***C#***, ***Prolog*** (LPA and SWI), ***XML***
    - ***MATLAB***, ***R***, ***SPSS***, ***STATISTICA***
    - ***Clementine***, ***HUGIN***, ***WinBUGS***
- Reviewer for journals and conferences: IEEE Intelligent Systems; International Journal of Police Science and Management; Annual International Conference of the British Computer Society's Specialist Group on Artificial Intelligence (SGAI)
- Programme Committee member for the Global Integration of Graduate Programmes, IV International Conference, 5th - 9th November 2006, Ismailia, Egypt
- Chaired conference sessions SCI2000 and KES2005 (Crime Matching, Modelling and Prediction).

Research Interests:

Spatial statistics, knowledge discovery from databases, graph mining, link mining and social network analysis, forensic informatics, interdisciplinary research (biochemistry, psychology, anthropology), archaeoastronomy, environmental informatics

Research Student Supervision and Examination:

Currently supervising 1 research students, with 2 successfully completed students, 1 about to take viva:

- Ernest Mugambi, Title: Automated Inference of Comprehensible Models for Medical Data Mining. Start date: 2002, Completion: 2006.
- Dimitrios Techtonidis, Title: Ontologies Based Enterprise Application Integration. Start date: 2002, Completion: 2007.
- Norman Solomon, Title: Imputation Evaluation Framework for Large Scale Datasets. Start date: 2004, Completion: 2007.

Internal examiner for successful viva of James Malone, November 2005.

Recent Journal and Conference Reviewing:

- IEEE Intelligent Systems
- International Journal of Police Science and Management
- Annual International Conference of the British Computer Society's Specialist Group on Artificial Intelligence (SGAI)

Conference Programme Committee Membership:

Programme Committee member for the Global Integration of Graduate Programmes, IV International Conference, 5th - 9th November 2006, Ismailia, Egypt

Conference Sessions chaired:

- World Conference on Systemics, Cybernetics and Informatics (SCI2000). July 23-26, 2000, Orlando, Florida, USA July 24 - Virtual Engineering III (Room: 12 4:00 pm - 6:30 pm)
- KES 2005 9th International Conference on Knowledge-Based Intelligent Information & Engineering Systems. Invited session on Knowledge-Based Technology on Crime Matching, Modelling and Prediction

Other Activities

Chairman of Education Charity

Gnostic Institute of Anthropology, 1014688. Involvement with this organisation for over 15 years, as a lecturer for over 10 years.

Funding Obtained:

1. Project Name: NEEF2 Funding for PASR06. **Funding body**: North East Enabling Fund. **Amount:** University of Sunderland awarded £10,000. **Dates:** May 2006. **Summary:** PASR2006: Terrorism project. **Description:** The NEEF2 funding was secured to write the following PASR-2006 proposal: 'Integrating data across Europe to predict terror and harm'; Area of science/thematic priority: Security research; Project type: STREP; FP6 deadline: 10th May.

2. Project Name: MAGNET. **Funding body**: EPSRC Ref:EP/D078725/1. **Amount:** University of Sunderland awarded £10,000. **Dates:** 2006-7. **Summary:** Gun crime modeling project. **Description:** MAGNET: 'Modelling Analysis of Gun crime NETworks'. In partnership with the Greater Manchester Police the aim of the proposed feasibility study is to explore the benefits of using different modelling techniques to aid stakeholder's decision making in tackling gun crime. The first step is to accurately represent the combined knowledge of the gun crime phenomenon that is available into mind maps, focussing on three components, the gun, the gun user and the victim. Data will be obtained by accessing a variety of sources including police databases, and interviewing key informants such as gang members, offenders, police officers, local government representatives and community action groups. The second step involves the translation of the resultant mind maps into simulation models of the key processes involved in gun crime, exploring modelling methodologies such as Bayesian Networks, Cellular Automata and epidemiological modelling. MAGNET is a multidisciplinary project involving 6 UK Universities. The total budget of this joint project is £279,835.

3. Project Name: MEDUSA. **Funding body**: **EPSRC** Ref:EP/E001025/1. **Amount:** University of Sunderland awarded £10,000. **Dates:** 2006-9. **Summary:** Gun crime vision project **. Description:** MEDUSA: 'Multi Environment Deployable Universal Software Application'. The general aim is 'identification of situations associated with gun related threats based on behavioural interpretation of CCTV data combining psychological and image processing approaches.' MEDUSA is a multidisciplinary project involving 5 UK Universities and 6 non academic partners. The total budget of this joint project is £620,528.

4. Project Name: Research Development Fellowship. **Funding body**: HEFCE. **Amount:** University of Sunderland awarded £8,117. **Dates:** 2004-5. **Summary:** Crime Matching and Predicting. **Description:** In collaboration with University College London, an investigation of evidence for criminal investigations. The work explored high value insurance fraud, telecommunications data fraud, and gun and cartridge data (results presented to New Scotland Yard). Several papers as outputs on criminal networks, and a conference session: 'Crime Matching, Modelling and Prediction' at the knowledge based conference (KES 2005 9th International Conference on Knowledge-Based Intelligent Information & Engineering Systems).

5. Project Name: EPSRC Case Studentship. **Funding body**: EPSRC. **Amount:** University of Sunderland awarded £60,000. **Dates:** 2001-date. **Summary:** Interpolation of missing values in massive datasets**. Description:** The length of the studentship is explained by the first student leaving, with the current student approaching submission.

6. Project Name: OVER. **Funding body**: Home Office. **Amount:** University of Sunderland awarded £35,000. **Dates:** 2000-1. **Summary:** Burglary Reduction Initiatives. **Description:** A collaboration between West Midlands Police force and the Centre for Adaptive Systems and Psychology Division at the University of Sunderland. The project, developed out of Giles Oatleys' work with Cleveland Constabulary, was funded by the Home Office, and has now been successfully completed with the delivery of a sophisticated software system. The system is capable of visualisation of routinely collected crimes data, and incorporates a Bayesian Belief Network for prediction of repeat victimisation of Burglary Dwelling House crimes, and Neural Networks for Offender Profiling and matching of unsolved crimes.

Reachout Projects:

1. Project Name: ISS. **Funding body**: ERDF. **Dates:** 2002-4. **Summary:** Intelligent Systems Solutions. **Description:** Follow up to the ISEBERG Project.

2. Project Name: ISEBERG. **Funding body**: ERDF. **Dates:** 2001-2. **Summary:** Intelligent Systems for Business Growth. **Description:** Development of business solutions using state-of-the-art artificial intelligence/ adaptive computing technology (inductive reasoning, statistical analysis and neural networks), including data mining of web sites for pro-active marketing and advertising strategies.

3. Project Name: SSDM. **Funding body**: DTI. **Dates:** 1998-2000. **Summary:** Smart Software for Decision Makers. **Description:** Development of six separate business solutions, implementing state-of-the-art artificial intelligence/ adaptive computing technology (mainly neural networks), in the areas of Data Mining, Intelligent Control and Condition Monitoring.

4. Project Name: VCL. **Funding body**: DTI 'Spur' award. **Dates:** 1996-8. **Summary:** Vibration Case Library**. Description:** Development of a condition monitoring tool for decision support of diagnosis in the large-scale ill-structured domain of vibration analysis. Adaptive computing technology implemented was mainly case-based reasoning and also genetic algorithms. Presentation of results at conferences and seminars.

Papers:

2008

OATLEY, G.C., BELEM, B., FERNANDES, K., HOGGARTH, E., HOLLAND, B., LEWIS, C., MEIER, P., MORGAN, K., SANTHANAM, J., and SQUIRES, P., 2008. The Gang Gun-Crime Problem - Solutions from Social Network Theory, Epidemiology, Cellular Automata, Bayesian Networks and Spatial Statistics. Accepted: book chapter for IEEE publication 'Computational Forensics'.

2007

SANTHANAM, J., BELEM, B., FERNANDES, K., HOGGARTH, E., HOLLAND, B., LEWIS, C., MEIER, P., MORGAN, K., OATLEY, G.C., SANTHANAM, J., and SQUIRES, P., 2007. Epidemic Models And Gun Crime, In submission: Science

LEWIS, C., BELEM, B., FERNANDES, K., HOGGARTH, E., HOLLAND, B., MEIER, P., MORGAN, K., OATLEY, G.C., SANTHANAM, J., and SQUIRES, P., 2007. Mathematical applications in Criminal Justice: Symposium at the European Society of Criminology conference, Bologna, Italy, 25-28 September 2007

LEWIS, C., BELEM, B., FERNANDES, K., HOGGARTH, E., HOLLAND, B., MEIER, P., MORGAN, K., OATLEY, G.C., SANTHANAM, J., and SQUIRES, P., 2007. Gun crime: results of a preliminary analysis. British Society of Criminology conference, London, 18-20 September.

MEIER, P., BELEM, B., FERNANDES, K., HOGGARTH, E., HOLLAND, B., LEWIS, C., MORGAN, K., OATLEY, G.C., SANTHANAM, J., and SQUIRES, P., 2007. Modelling Gun Crime in Manchester. British Psychological Society Forensic Psychology Branch. Manchester, 10 March

MEIER, P., BELEM, B., FERNANDES, K., HOGGARTH, E., HOLLAND, B., LEWIS, C., MORGAN, K., OATLEY, G.C., SANTHANAM, J., and SQUIRES, P., (in press) "Mind-mapping: a tool for eliciting and representing knowledge held by diverse informants", Social Research Updates.

SANTHANAM, J., BELEM, B., FERNANDES, K., HOGGARTH, E., HOLLAND, B., LEWIS, C., MEIER, P., MORGAN, K., OATLEY, G.C., SANTHANAM, J., and SQUIRES, P., 2007. Can Epidemic Models Assist in Controlling Rising Gun Crime and Prison Populations? Royal Statistical Society Conference, York, 16-20 July

SANTHANAM, J., BELEM, B., FERNANDES, K., HOGGARTH, E., HOLLAND, B., LEWIS, C., MEIER, P., MORGAN, K., OATLEY, G.C., SANTHANAM, J., and SQUIRES, P., 2007. Use of Epidemic Models Assist in Controlling Rising Gun Crime. British Society of Criminology conference, London, 18-20 September.

SQUIRES, P., BELEM, B., FERNANDES, K., HOGGARTH, E., HOLLAND, B., LEWIS, C., MEIER, P., MORGAN, K., OATLEY, G.C., and SANTHANAM, J., 2007. The construction of police knowledge on gun crime. British Society of Criminology conference, London, 18-20 September.

MCGARRY, K., CHAMBERS, J. & OATLEY, G.C., 2007. A Multi-layered approach to protein data integration for diabetes research, Accepted for publication in Artificial Intelligence in medicine, 2007.

SOLOMON, N., OATLEY, G.C. & MCGARRY, K., 2007. A Dynamic Method for the Evaluation and Comparison of Imputation Techniques, International Conference of Computational Statistics and Data Engineering(ICCSDE'07), London, U.K., 2-4 July, 2007

SOLOMON, N., OATLEY, G.C. & MCGARRY, K., 2007. A fast multivariate nearest neighbout imputation algorithm, International Conference of Computational Statistics and Data Engineering(ICCSDE'07), London, U.K., 2-4 July, 2007, pp. 940-947

2006

OATLEY, G.C., EWART, B.W., & ZELEZNIKOW, J., 2006. Decision Support Systems For Police: Lessons From The Application of Data Mining Techniques To 'Soft' Forensic Evidence. Artificial Intelligence and Law (2006) 14: 35-100.

HALL, L., PADMORE, K., HODGE, M. & OATLEY, G.C., 2006. Designing a Virtual Learning Environment to support the study of crime and its prevention for teenagers, in R. Aylett, T. Diener and Z. Pan (Eds), Edutainment 2006 (Hangzhou, China, April 16-19), Springer-Verlag: Amsterdam, 2006.

OATLEY, G.C., McGARRY, K. & EWART, B.W., 2006. Offender network metrics. WSEAS Transactions on Information Science and Applications, Issue 12, Volume 3, December 2006, pp. 2440-2448.

OATLEY, G.C., McGARRY, K. & EWART, B.W., 2006. Prioritizing of Offenders in Networks. In: The 6th WSEAS International Conference on Simulation, Modelling and Optimisation (SMO '06), Lisbon, Portugal, September 22-24, 2006.

2005

EWART, B.W., OATLEY, G.C. & BURN K., 2005. Suspect retrieval system for burglary: A test of three models. International Journal of Police Science and Management 7(3), pp. 160-174.

OATLEY, G.C. & EWART, B.W., 2005. The meaning of links. In: D. Nelson, S. Stirk, H. Edwards and K. McGarry (eds.), Data mining and knowledge discovery in databases workshop, 22nd British National Conference on Databases, Vol. 2, pp.68-76

OATLEY, G.C., ZELEZNIKOW, J. and EWART, B.W., 2005. Criminal Networks and Spatial Density. The Tenth International Conference on Artificial Intelligence and Law (ICAIL-05), Bologna, Italy, 2005

OATLEY, G.C., ZELEZNIKOW, J. and EWART, B.W., 2005. Criminal networks. Workshop on Data Mining, Information Extraction, and Evidentiary Reasoning for Law Enforcement and Counter-Terrorism, The Tenth International Conference on Artificial Intelligence and Law (ICAIL-05), Bologna, Italy, June 11, 2005

OATLEY, G.C., ZELEZNIKOW, J., LEARY, R. & EWART, B.W., 2005. From Links to Meaning: A Burglary Data Case Study. In: Invited session on Knowledge-Based Technology on Crime Matching, Modelling and Prediction, KES 2005 9th International Conference on Knowledge-Based Intelligent Information & Engineering Systems

ZELEZNIKOW, J., OATLEY, G.C. & LEARY, R., 2005. A Methodology for constructing Decision Support Systems for Crime Detection. In: Invited session on Knowledge-Based Technology on Crime Matching, Modelling and Prediction, KES 2005 9th International Conference on Knowledge-Based Intelligent Information & Engineering Systems

TEKTONIDIS, D., BOKMA, A., OATLEY, G. & SALAMPASIS, M., 2005. ONAR: An ontologies-based service oriented application integration framework. In proceedings of the 1st International Conference on Interoperability of Enterprise Software and Applications. Geneva, Switzerland, 23-25 February, Springer

2004

OATLEY, G.C., ZELEZNIKOW, J. and EWART, B.W., 2004. Matching and Predicting Crimes. In: Macintosh, A., Ellis, R. and Allen, T. (eds.), Applications and Innovations in Intelligent Systems XII. Proceedings of AI2004, The Twenty-fourth SGAI International Conference on Knowledge Based Systems and Applications of Artificial Intelligence, Springer: 19-32. ISBN 1-85233-908-X

OATLEY, G.C., 2004. Case-based reasoning (book chapter). In: D., Addison & J., MacIntyre (Eds.), 'Intelligent Computing Techniques; A Review', Springer-Verlag, ISBN: 1-85233-585-8

MUGAMBI, E., HUNTER, A., OATLEY, G., & KENNEDY, L., 2004. Polynomial-fuzzy decision tree structures for classifying medical data. Knowledge Based Systems, vol 17, issue 2-4, pp. 81-87

2003

OATLEY G.,C., & EWART B., 2003. Crimes Analysis Software: 'Pins in Maps', Clustering and Bayes Net Prediction. Expert Systems with Applications 25 (4) Nov 2003 569-588

EWART B.W., & OATLEY G.C., 2003. Applying the concept of revictimization: using burglars' behaviour to predict houses at risk of future victimization. International Journal of Police Science and Management 5 (2) 2003

MUGAMBI, E., HUNTER, A., OATLEY, G., & KENNEDY, L., 2003. Polynomial-fuzzy decision tree structures for classifying medical data. In: Proceedings of AI-2003, Peterhouse College, Cambridge, UK, 15th-17th December 2003. (One of the 6 best refereed technical papers to be published in Knowledge-Based Intelligent Systems Journal).

2002

OATLEY, G.C., MACINTYRE, J., EWART, B.W., & MUGAMBI, E., 2002. SMART Software for Decision Makers KDD Experience. Knowledge Based Systems 15 (2002) 323-333.

OATLEY G.,C., & EWART B., 2002. Constructing a Bayesian Belief Network to determine the likelihood of burglary. In: Proceedings of the Fifth International Conference on Forensic Statistics (ICFS5), Isola di San Servolo, Venice, Italy, August 30 - September 2, 2002

OATLEY G.C., & EWART B.W., 2002. A Bayesian Belief Network Predictive System for Burglary Reduction. In: Proceedings of the Eleventh Annual Conference of the Division of Forensic Psychology, April 3rd-5th, 2002.

OATLEY, G.C., & EWART, B.W., 2002. "Pins in Maps": Visualisation of crime data, as a basis for a predictive model. In: Proceedings of the Eleventh Annual Conference of the Division of Forensic Psychology, April 3rd-5th, 2002.

EWART B.W., OATLEY G.C., & WILBERT, M.N., 2002. Applying the Concept Of Revictimisation: Using Burglars' Behaviour to Predict Houses At Risk of Future Victimisations. In: Proceedings of the Eleventh Annual Conference of the Division of Forensic Psychology, April 3rd-5th, 2002.

2001

OATLEY, G.C., MACINTYRE, J., EWART, B.W., & MUGAMBI, E., 2001. SMART Software for Decision Makers KDD Experience. In: A., Macintosh, M. Moulton & A., Preece (eds.), Proceedings of the 21st Annual International Conference of the British Computer Specialist Group on Expert Systems (ES'2001) - Applications and Innovations in Expert Systems VI, Cambridge, 14-16 December, pp. 43-65.

2000

GREY, D.J., DUNNE, P., FERGUSON, R.I., & OATLEY, G.C., 2000. On Searching the WWW with Mobile, Collaborative Agents. In: Proceedings of the World Conference on Systemics, Cybernetics and Informatics (SCI2000). July 23-26, 2000, Orlando, Florida, USA, Volume III, pp. 59-64.

1999

OATLEY, G.C., TAIT, J., MACINTYRE, J., & ELLIOT, S., 1999. Implementing Case-Based Reasoning Technology in the Ill-Structured Domain of Vibration Analysis. In: J.D., MACINTYRE, & R.B.K.N., RAO, eds. Proceedings of the 12th International Congress on Condition Monitoring and Diagnostic Engineering Management (COMADEM '99), University of Sunderland, UK, 7th - 9th July, 1999, Coxmoor Publishing Company, pp. 185-201.

1998

OATLEY, G.C., TAIT, J., & MACINTYRE, J., 1998. A Case-Based Reasoning Tool for Vibration Analysis. In: R., MILNE, A., MACINTOSH, & M., BRAMER, eds. Proceedings of the 18th Annual International Conference of the British Computer Specialist Group on Expert Systems (ES'98) - Applications and Innovations in Expert Systems VI, Cambridge, 14-16 December, pp. 132-146.

ADGAR, A., MARRIS, P., OATLEY, G.C., TAYLOR, O., & MACINTYRE, J., 1998. Current UK Research Activities in the Field of NDT and Condition Monitoring. INSIGHT Journal of the Institute of Non-Destructive Testing, Vol:39, pp. 324-325