



occam® user group

Transputer and Occam Bibliography

July 1990

Transputer and Occam Bibliography 1990

Preface

This bibliography covers the development and application of the `occam` programming language and of the INMOS transputer. Also included is some particularly relevant material on parallel programming in general and other closely related subjects.

The bibliography is in five parts:

- 1 Books and journals
- 2 Conference proceedings
- 3 Journal articles and other papers
- 4 INMOS publications available from INMOS
- 5 Author index

The books are presented in groups by publisher for each year going backwards from the present.

The conference proceedings appear in reverse date order of the conference. The proceedings book appears first with implicit item number 0. Within each conference the order corresponds to the order in the book.

Journal articles and other papers are in year groups going backwards from the present. Undated articles are grouped together with all pre 1984 articles in the final group. Within each year they are in two sequences ordered alphabetically by the name of the first author. The first sequence includes papers whose principal author was an employee of INMOS at the time of writing; the second includes all other papers; papers with no known author appear together at the end of the second sequence.

The INMOS publications show a title and an internal INMOS document number which may be used when ordering from an SGS-THOMSON or INMOS sales office.

The author index identifies each entry by year of publication, page of occurrence and item number within subsection. Author names are forced into a canonical form suitable for sorting.

Please check this bibliography to see if your papers are correctly included. This means those you have written and those you consider particularly relevant to the subject of this bibliography. If you have written a relevant paper that is not included please send me either a reprint of the paper or a full bibliographical reference.

Please also make any other suggestions for additional entries, changes of presentation or any other matter. It is expected that a revised edition will be produced within another year.

I should like to record my thanks to the Information Services staff at INMOS, the editors of the OUG Newsletter over the years, and the compilers of bibliographies at the Rutherford Appleton Lab (SERC/DTI Transputer Initiative) in England and Computer Systems Architects in USA. All these people have provided me with substantial inputs. Final responsibility for the many errors, poor transliterations of foreign words, etc, is mine.

I close with an apology. It is several years since I first promised in the Occam User Group Newsletter to create this consolidated bibliography from the newsletters and elsewhere, but pressure of work has delayed me.

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1 Books and journals

Books in reverse order of year of publication

Grouped by publisher within each year. For publishers' addresses please consult your local library.

This list includes all known books directly concerned with occam and the transputer, and some others which cover closely related subjects. In future versions of this list it is hoped to include a brief note on each book describing its relevance. Readers are asked to consider submitting such notes for books with which they are familiar.

1990

- 1 **C A R Hoare, (Ed)**, *Concurrent programming*, Addison-Wesley 1990
- 2 **G R Brookes, G A Manson, D A P Mitchell, J A Thompson**, *Inside the Transputer*, Blackwell Scientific Publications, Oxford 1990
- 3 **Ugo Carlini, U Villano**, *Transputers and parallel architectures*, Ellis Horwood, 1990
- 4 **INMOS Limited**, *Transputer Development System (Second Edition)*, Prentice Hall, London 1990 ISBN 0-13-929068-0
- 5 **C A R Hoare, C B Jones**, *Essays in computing science*, Prentice Hall 1990. ISBN 0-13-284027-8
- 6 **Tim King, Ian Graham**, *The transputer handbook*, Prentice Hall, 1990
- 7 **S A Williams**, *Programming models for parallel systems*, Wiley 1990 ISBN 047192-3044

1989

- 8 **P Dew, R Earnshaw, T Heywood, (Eds)**, *Parallel processing for computer vision and display*, Addison-Wesley 1989
- 9 **E V Krishnamurthy**, *Parallel Processing - Principles and practice*, Addison-Wesley 1989
- 10 **Alfonso H Molina**, *The Transputer Constituency - Building up UK/European Capabilities in Information Technology*, Edinburgh University 1989
- 11 **John Wexler**, *Concurrent Programming in occam2*, Ellis Horwood, 1989. ISBN 745-80394-6
- 12 **G R Brookes, A J Stewart**, *Introduction to Occam 2 on the Transputer*, Macmillan 1989
- 13 **INMOS, A B Fontaine, (tr)**, *Occam 2: Manuel de reference.*, Masson (1989?) (in French)
- 14 **V Sarkar**, *Partitioning and Scheduling Parallel Programs for Multiprocessing*, Pitman, London
- 15 **J Galletly**, *occam 2*, Pitman 1989
- 16 **I East**, *Parallel Processing: A First Course*, Pitman 1989
- 17 **J G Harp, (Ed)**, *Transputer Applications*, Pitman 1989
- 18 **R J Elliott, C A R Hoare, (Eds)**, *Scientific applications of Multiprocessors*, Prentice Hall 1989. ISBN 0 13 795774 2
- 19 **Robin Milner**, *Communication and Concurrency*, Prentice Hall 1989 ISBN 0-13-114984-9 (Hard) 0-13-115007-3 (Pbk)
- 20 **INMOS Limited**, *Transputer Technical Notes*, Prentice Hall, London 1989. ISBN 0-13-929126-1
- 21 **INMOS Limited**, *Digital Signal Processing*, Prentice Hall, London 1989. ISBN 0-13-212804-7
- 22 **Perihelion, Software Limited**, *The Helios Operating System*, Prentice Hall, London 1989. ISBN 0-13-386004-3
- 23 **J W De Bakker, (Ed)**, *Languages for parallel architectures, Design, Semantics, Implementation models*, Wiley 1989. ISBN 047192-1777

1988

- 24 **R W Hockney, C R Jesshope**, *Parallel Computers 2 - Architecture, Programming and Algorithms*, Adam Hilger, 1988. ISBN 0-85274-8116
- 25 **Alan Burns**, *Programming in occam 2*, Addison-Wesley 1988. ISBN 0-201-17371-9

- 26 **K M Chandy, J Misra**, *Highly Parallel Program Design - A Foundation*, Addison-Wesley 1988. ISBN 0-201-05866-9
- 27 **G S Almasi, A Gottlieb**, *Highly Parallel Computing*, Addison-Wesley 1988. ISBN 0-8053-0177-1
- 28 **Dick Pountain, David May**, *A tutorial introduction to occam 2*, BSP Professional Books. 1988. ISBN 0-632-01847-x
- 29 **J J Modi**, *Parallel Algorithms and Matrix Computation*, Oxford University Press, 1988. ISBN 0-19-859655-3 (Hard) 0-19-859670-7 (pbk)
- 30 **Geraint Jones, Michael Goldsmith**, *Programming in occam2*, Prentice Hall, London 1988. ISBN 0-13-730334-3
- 31 **INMOS Limited**, *Transputer Reference Manual*, Prentice Hall, London 1988 ISBN 0-13-929001-X
- 32 **INMOS Limited**, *Communicating Process Architecture*, Prentice Hall, London 1988. ISBN 0-13-629320-4
- 33 **INMOS Limited**, *Transputer Development System*, Prentice Hall, London 1988. ISBN 0-13-928995-X
- 34 **INMOS Limited**, *Transputer Instruction Set - A compiler writer's guide*, Prentice Hall, London 1988. ISBN 0-13-929100-8
- 35 **INMOS Limited**, *occam 2 Reference Manual*, Prentice Hall, London 1988 ISBN 0-13-629312-3
- 36 **Alison Carling**, *Parallel Processing, The Transputer and OCCAM*, Sigma Press, 1988 ISBN 850-58077-4

1987

- 37 **Jon Kerridge**, *occam programming: a practical approach*, Blackwell Scientific Publications. 1987. ISBN 0-632-01658-2, 0-632-01659-0(Pbk)
- 38 **K C Bowler, R D Kenway, G S Pawley, D Roweth**, *An introduction to OCCAM 2 programming*, Chartwell-Bratt 1987 ISBN 0-86-238-137-1
- 39 **Geraint Jones**, *Programming in occam*, Prentice Hall 1987. ISBN 0-13-729773-4

1986 and earlier

- 40 **R H Perrott**, *Parallel Programming*, Addison-Wesley 1986. ISBN 0-201-14231-7
- 41 **C A R Hoare**, *Communicating sequential processes*, Prentice Hall 1985 ISBN 0 13 153271 5 (Hard), 0 13 153289 8 (Pbk)
- 42 **INMOS Limited**, *Occam Programming Manual*, Englewood Cliffs, Prentice-Hall, 1984 ISBN 0 13 629296 8

Specialised journals

- 43 *Parallel Computing*, North Holland
- 44 *Parallelogram*, The independent Parallel Processing Journal for developers and potential users. ISSN 0953 7252
- 45 *Supercomputing Review*, 33-42 Dallington Street, London EC1V 0BB
- 46 *Concurrency Practice and Experience*, Ed G C Fox, Wiley. ISSN 1040 3108

2 Conference proceedings

2.1 1990 Transputer Applications 90 at Southampton

D J Pritchard, C J Scott, (Eds), *Applications of Transputers 2*, Proceedings of the second international conference on applications of transputers, 11-13 July 1990, Southampton. IOS Press. ISBN 90 5199 035 9

- 1 **D Shea,** *IBM Victor V256 Applications*
- 2 **P Zimmerman,** *Transputer Applications at Volkswagen Research I. Visual Simulation by means of a transputer network for a driving simulator*
- 3 **H Beduhn,** *Transputer Applications at Volkswagen Research II. Control of an active suspension system by a transputer network*
- 4 **I Browning,** *Military applications of transputers (abstract)*
- 5 **C Tricot,** *Image synthesis for television on a Volvox transputer based machine*
- 6 **L Wiggers, J C Vermeulen,** *The application of transputers in high-energy physics*
- 7 **A Eppinger,** *Object oriented simulations in mechatronics*
- 8 **P J Probert, D Djian, H Hu,** *Transputer Architectures for Sensing in a Layered Controller: Formal Methods for Design*
- 9 **E Mills, B C O'Neill,** *Particle Flow Instrumentation*
- 10 **C M Dunford, J A Thompson, K H Yearby,** *A Transputer Based Instrument for the ESA/NASA CLUSTER Mission*
- 11 **H F Durrant-Whyte, S Grime, H Hu,** *A Modular, Decentralized Architecture for Multi-Sensor Data Fusion*
- 12 **J A Ware, G Roberts, R Davies, R Miles, J H Williams,** *A Modular Sensing System for Robotic Control*
- 13 **G W Irwin, L P Maguire,** *Transputer Implementation of the Kalman-Bucy*
- 14 **L Fortuna, G Nunnari,** *Implementation of a Multivariable Adaptive Controller by a Transputer Based Architecture*
- 15 **C D James,** *The Integration of Transputers into VMEbus Systems for Computationally Bounded Real Time Control Applications*
- 16 **H A Thompson, P J Fleming,** *A Transputer-Based Fault-Tolerant Architecture for Gas Turbine Engine Control*
- 17 **A K Kordon,** *A Structure of a Parallel Adaptive Controller and its Transputer Implementation*
- 18 **G S Virk, J M Tahir, P K Kourmoulis,** *Parallel Processing in Aerospace Control Systems*
- 19 **F Garcia Nocetti, P J Fleming,** *Implementation of Digital Controllers on a Transputer-Based System*
- 20 **P N F da Fonseca, P M Entwistle, D I Jones,** *A Transputer Based Processor Farm for Real-Time Control Applications*
- 21 **D Juarez, C C Pantelides,** *Multiprocessor Solution of Nonlinear Equations for Chemical Process Simulation*
- 22 **L da Fonta Costa, M B Sandler,** *Implementation of the Binary Hough Transform in Pipelined Multi-Transputer Architectures*
- 23 **G Hall, T J Terrell, L M Murphy,** *Implementation of the Radon Transform using a Dynamically Switched Transputer Network*
- 24 **E L Zapata, I Benavides, J D Bruguera, J M Carazo,** *Image reconstruction on Transputer Networks*
- 25 **J Tyrrell, F Yazdy,** *CARVUPP Computer-Assisted Radiological Visualisation Using Parallel Processing*
- 26 **B J Payne,** *3-D Parallel Visualisation*
- 27 **D Crookes, P J Morrow, G Philip,** *The Development of a Transputer-based Image Database*
- 28 **R A Lotufo, A D Morgan, A S Johnson, B T Thomas,** *A Transputer Based Automatic Number-Plate Recognition System*

- 29 **W Lin, D A Fraser**, *Identification of 3-D Objects from 2-D Images*
- 30 **A T Ali, E L Dagless**, *Automatic Traffic Monitoring Using Transputer-Image Processing System*
- 31 **G A Stephen, C A Taylor, E L Dagless**, *Real Time Image Analysis for Dynamic Displacement Measurement*
- 32 **M Rygol, S Pollard, C Brown, J Kay**, *MARVIN & TINA: A Multiprocessor 3D Vision System*
- 33 **V Vuohtoniemi, T Seppanen**, *Two Parallel Algorithms for Matching Attributed Relational Graphs on a Transputer Network*
- 34 **K M Curtis, A Bouridane**, *A Parallel Processing Engine for n-tuple Pattern Recognition*
- 35 **P Smart, X Leng**, *Textural Analysis by Transputer*
- 36 **A R Clarke, N Davidson, G Archenhold**, *Image Analyser of Carbon Fibre Orientations in Composite Materials*
- 37 **D M Jones, J M Goodfellow**, *Monte Carlo Simulations of Biomolecular Systems using Transputer Arrays*
- 38 **S Miller, D Fincham, R A Jackson, P J Mitchell**, *Transputer Molecular Dynamics with Electrostatic Forces*
- 39 **A R C Raine**, *Molecular Dynamics Simulation of Proteins on an Array of Transputers*
- 40 **R A Laskowski, M B Swindells, J M Thornton, D S Moss**, *Prediction of Protein Secondary Structure using Transputers*
- 41 **E Verhuist, H Thielemans**, *Preemptive Process Scheduling and Meeting Hard Real-Time Constraints with TRANS-RTXc on the Transputer*
- 42 **A Tully**, *Distributed Programming on Transputer Networks - An Object Oriented Interface to the Helios Operating Systems*
- 43 **B Robertson, M Chopping, K Zielinski, D Milway**, *The Metrobridge - An Application of Transputers in Transparent Bridging*
- 44 **I D Hardy, A P H Jordan**, *The Application of Transputers as a Network 'Compute' Server*
- 45 **C Brown, M Rygol**, *An Environment for the Development of Large Applications in Parallel C*
- 46 **M M Barata, J C Cunha, A S Garcao**, *Transputer Environment to support Heterogeneous Systems in Robotics*
- 47 **R J Allen**, *Numerical Algorithm Libraries for Multicomputers*
- 48 **M Surridge**, *ECCL A General Communications Harness and Configuration Language*
- 49 **J Kerridge, G H Jones**, *A Disk Accessing Library Utility for 3L Compilers*
- 50 **J P Nichols**, *Radiation Tolerance Testing of the T425 Transputer in Support of the SOHO Satellite Mission*
- 51 **R D Beton, J B Kingdom, C Upstill**, *A Transputer Radar ESM Data Processor*
- 52 **J M Little, C M H Klimpke, J P Madar**, *DICARPS Transputer Signal Processing System (Extended Abstract)*
- 53 **J W R Griffiths, D B Payne, T A Rafik, W J Wood, J Zhang**, *A Versatile Sonar Transmitter Signal Generator*
- 54 **G D'Angelo, L Fortuna, G Muscato, G Nunnari**, *Parallized 2D-Discrete Hartley Transform by Using IMS A100 Devices*
- 55 **D Crosetto**, *Fast Digital Parallel Processing Module FDPP*
- 56 **C Montani, A Tomasi**, *A Transputer Architecture for Parallel Processing of Polygonal Regions*
- 57 **M Mirmedhi**, *Product Label Inspection using Transputers*
- 58 **N Bailey, A Purvis, P D Manning, I Bowler**, *On the Solution of Some Classical Scheduling Problems Using Parallel C*
- 59 **D Wong, Y K Chan**, *Transputer Based Pin Compatible i80287 Accelerator Board*

- 60 C H C Leung, H T Ghogomu, K L Mannoek, *High Performance Relational Database Systems on Transputers*
- 61 P Bond, *The Application of Transputer Based Scalar Supercomputers in Financial Risk Management*
- 62 S Christian, *VLSI Design Stations Using Transputers*
- 63 V K Sagar, R E Massara, *A VLSI Routing System on Configurable Multi-transputer Hardware*
- 64 H K F Yeung, *ONDA: A River Modelling System*
- 65 R Watts, *Spectral Element Methods for Computational Fluid Dynamics on Transputer Arrays*
- 66 K E Tehrani, C M Shapcott, J Anderson, *Time Evaluation of a Transputer-Based Model of the Ventricle*
- 67 P Coddington, C F Baillie, *Non-Local Cluster Update Algorithms for Spin Models*
- 68 K Burrage, S Plowman, *The Numerical Solution of ODE IVPs in a Transputer Environment*
- 69 A Colbrook, C Smythe, D H Pitt, *An Efficient Implementation of Search Trees on an Array of Transputers*
- 70 F A Rabhi, G A Manson, *Experimenting with Divide-and-Conquer Algorithms of a Parallel Graph Reduction Machine*
- 71 S A Khaddaj, H Al-Bhadili, A J H Goddard, C R E de Oliveira, J Wood, *The Solution of Radiation Engineering Problems on a Transputer Based System*
- 72 T L Freeman, M K Bane, *An Occam Implementation of an Asynchronous Algorithm for Calculating Polynomial Zeros*
- 73 D C B Watson, R Wilkinson, C J Willis, P G N Howard, *Machine Code Implementation of Basic Vector Subroutines for the T800*
- 74 A D Hislop, *Parallel Algorithms for Finding Optimal Paths on Digital Maps*
- 75 P Grabienski, *DACAPO-III: Parallel Multilevel Hardware Simulation on Transputers*
- 76 K R Wood, *Distributing Gate-Level Digital Timing Simulation Over Arrays of Transputers*
- 77 S Jha, G Kelieff, T S Durrani, *Parallel Neural Optimisation for Bearing Estimation (Extended Abstract)*
- 78 G D McClurkin, R A Geary, T S Durrani, *An Investigation into the Parallelising of Genetic Algorithms (Extended Abstract)*

2.2 1990 NATUG 3 at Sunnyvale, California

A S Wagner, (Ed), *Transputer research and applications 3*, Proceedings of the third conference of the North American Transputer Users Group, Sunnyvale, CA, USA, 26-27 April 1990. IOS Press. ISBN 90 5199 030 8

- 1 Brad V Duncan, Linda S Powers, G S Stiles, *TransAcc: real-time data acquisition and analysis system for optical spectroscopy*
- 2 Scott Galuska, *The development of a visual telephone for the deaf: using transputers for real-time image processing*
- 3 Christophe Diot, Michel Ng, X Dang, *Using transputer in the design of high performance architectures dedicated to the implementation of OSI transport protocol*
- 4 Roger M A Peel, *TCP/IP Networking using transputers*
- 5 J Luo, F Bruggeman, G L Reijns, *Revised simplex method on a network of T800 transputers*
- 6 Fred U Rosenberger, Gerald C Johns, David G Politte, Charles E Molnar, *Transputer implementation of the EM algorithm for PET image reconstruction*
- 7 John A Board, Jr, James F Leathrum, Jr, *The fast multipole algorithm on transputer networks*
- 8 Scott R Cannon, Stephen J Allan, *A parallel-processing subsystem for the generation of a 3-D cardiac images from CT*
- 9 K Boehncke, H Heller, H Grubmuller, K Schulten, *Molecular dynamics simulations on a systolic ring of transputers*
- 10 K Obermayer, H Heller, H Ritter, K Schulten, *Simulation of self-organizing neural nets: a comparison between a transputer ring and a connection machine CM-2*
- 11 Hamid R Arabnia, Mary R Robinson, *Parallelizing using process-and-data-decomposition (PADD) approach to multi-ring transputer network - an example*
- 12 J Standeven, M J Colley, *Hardware voting of transputers in real-time nMr fault-tolerant systems*
- 13 Ghasem S Alijana, Shyn-Chang Su, *A real-time task scheduling scheme for loosely coupled systems*
- 14 Hubertus Franke, D Shea, L C Zai, *Transputer-based multi robot simulation*
- 15 Martin J Dudziak, *Partitioned, replicative neural network for cooperative robot systems*
- 16 Prasad Vishnubhotla, *Deadlock-free parallel programming on transputer networks*
- 17 Wm Leler, *System-level parallel programming based on Linda (a call to standards)*
- 18 J Graat, *Dynamic parallel programming*
- 19 Paul J King, *Process level parallelism in a UNIX environment*
- 20 J John Florentin, *Multiple language programming with STRAND88*
- 21 David L Fielding, Mosche Braner, James R Beers, Jr, Roslyn Leibensperger, *The Trollius programming environment for multicomputers*
- 22 Ben Abbott, Csaba Biegl, Janos Sztipanovits, *Multigraph for the transputer*
- 23 Oliver Vornberger, Klaus Zeppenfeld, *Graphical visualization of distributed algorithms*
- 24 M Roberts, P M Samwell, *A visual programming system for the transputer*
- 25 S W Lau, F C M Lau, *An efficient and flexible implementation of ALT*
- 26 Tom Hintz, Mark Phillips, *A dynamic distributed system using remote procedure calls in a message passing system*
- 27 I A Horton, S J Turner, *A virtual architecture for investigating dynamic load balancing on transputer networks*
- 28 Douglas Eadline, *Mapping search graphs onto arbitrary transputer networks (or making PROLOG parallel)*
- 29 K M Shea, F C M Lau, *On the performance of ALT in Occam*
- 30 Andrew P Bernat, James Rupel, *A transputer-based motion detection/tracking algorithm*
- 31 Jorge L Ortiz, Willie L McCoy, Michael M Thomas, *Transputer fault-tolerant processor*

32 R L Tutwiler, *Applications of transputer interface to DSP vector processor*

33 Ying Zhang, *Object oriented modeling for sensor-guided real-time robot control*

2.3 1990 OUG Japan 3 at Tokyo

T L Kunii, D May, (Eds), *Transputer/Occam Japan 3*, Proceedings of the 3rd Transputer/Occam international conference, Tokyo, Japan, 17-18 May 1990. IOS Press. ISBN 90 5199 032 4

- 1 D May, P Thompson, *Transputer and Routers: Components for Concurrent Machines (Invited Paper)*
- 2 C Howson, K Araki, N Yoshida, *Implementing Functional Languages on a Network of Transputers*
- 3 O El-Giar, T Hopkins, *A Generally Configurable Multigrid Implementation for the Solution of Three-Dimensional Elliptic Equations on a Transputer Network*
- 4 J Marc Adamo, C Bonnelo, *TeNOR: A Symbolic Configurer for the SuperNode Architecture*
- 5 J L Jacquemin, M Griffiths, *Implementing Recursions on a Double Ring Topology*
- 6 W Wongwarawipat, M Ishizuka, *a Visual Interface for Transputer Network (VIT) and its Application to Moving Image Analysis*
- 7 H Kunieda, K Itoh, *Parallel 2D-FFT Algorithm on Practical Multiprocessor Systems*
- 8 M Ichikawa, K Shomura, *Design and Implementation of Software Based Real-Time Video Codec Using Multi-Transputer Architecture*
- 9 A Hey, *Scientific Applications on Transputer Arrays - Some Experiments in MIMD Parallelism (Invited Paper)*
- 10 Y Iiguni, H Sakai, H Tokumaru, *A Design Methodology for Synthesizing One-Dimensional Systolic Algorithms*
- 11 M Nishizaki, Y Yamashita, Y Yoshida, T Yoshida, H Kagoura, H Yanagawa, *A Scientific Application on the Transputer System*
- 12 J L Jacquemin, T T Huyng, M Griffiths, *Modelling Queries in Relational Databases for Parallel Processing*
- 13 J Allwright, *Graph Theory on a Transputer Array*
- 14 S Nishimura, T L Kunii, *A Decentralized Dynamic Scheduling Scheme for Transputer Networks*
- 15 D N M Ho, *Variations of ALT Implementation on Transputer*
- 16 Peter Dew, *Progress Towards an Interactive Solid System on Parallel Computers (Invited Paper)*
- 17 J Sanders, *Reasoning about Distributed Algorithms in CSP: Application to Remote Sensing (Invited Paper)*
- 18 H Durrant-Whyte, *A Modular, Decentralised, Transputer-Based Architecture for Multi-Sensor Data Fusion (Invited Paper)*
- 19 R Mukai, *Parallel Processing of Quadtree Images*
- 20 S Chiba, H Honda, H Maezawa, T Tsukioka, M Uematsu, Y Yoshida, K Maeda, *Divide and Conquer in Parallel Processing*

2.4 1990 OUG TM12 at Exeter

S J Turner, (Ed), *Tools and techniques for transputer applications*, Proceedings of OUG TM12, Exeter, April 1989 IOS Press ISBN 90 5199 029 4

- 1 M I Cole, *'Do-it-Yourself' Shared Memory Instruction Sets in Occam*
- 2 E Gallizzi, M Cannataro, G Spezzano, D Talia, *A Deadlock-Free Communication System for a Transputer Network*
- 3 Y N Lee, *A Parallel Semantic Net Engine and its Application to Data Modelling*
- 4 J P Gray, F Poole, *Parallel-DB4GL: An Implementation of a Self-describing object-oriented Data-base Application Generator on Transputer Hardware*
- 5 I Cramb, C Upstill, *Using Transputers to Simulate Optoelectronic Computers*
- 6 D Macfarlane, I East, *An Investigation of Several Parallel Genetic Algorithms*
- 7 K G Kumar, A Basu, S Srinivas, A Paulraj, *An Efficient Global Convergence Detection Scheme for Parallel Algorithms on Transputer Networks*
- 8 J L Jacquemin, M Griffiths, *Implementing Recursion on a Double Ring Topology*
- 9 J A C Cunha, P A D Medeiros, L M Pereira, *A Distributed Logic Programming Language and its Implementation on Transputer Networks*
- 10 S Schultze-Kremer, *CS-Prolog - Parallel Programming in Logic with Transputers*
- 11 A M Sarrafan, P H Welch, *Transputer Models for a High-Performance Local Area Network Bridge*
- 12 S Kazi, R D Hockman, *Design of a High Performance Protocol Analysis System using Transputers*
- 13 R M A Peel, *Host-Independent Access on Transputers*
- 14 W Cai, S J Turner, *Experimental Studies of Conservative Distributed Discrete-Event Simulation on Transputer Networks*
- 15 F W D Woodhams, W L Price, *A Transputer-based Workstation Accelerator for Optimisation Algorithms*
- 16 X Yu, T Muntean, *Occam Program Synthesis for Execution on Parallel Machines Towards a Transformational Approach*
- 17 J Hofstede, A Lensink, *A Dynamic Switch for Transputer Links*
- 18 R W S Tregidgo, A C Downton, *Processor Farm Analysis and Simulation for Embedded Parallel Processing Systems*
- 19 A d'Acierno, G De Pietro, U Villano, *A Method for Monitoring Occam Internal Channels*
- 20 J Edwards, I Sillitoe, *The Design of a Real Time Three Dimensional Vision System for Object Identification*
- 21 T Stavenuiter, H Roebbers, *Control of a Servo Loop for a Vision System*
- 22 A R Allen, D Wang, *An Application of Ultrasonic Signal Processing in a Mixed System of Transputers and Digital Signal Processors*
- 23 K Dimond, S Hassan, *Incremental Behavioural Simulation on a Network of Transputers*
- 24 A West, P C Capon, *A High Level Software Environment for Transputer based Systems*

2.5 1989 NATUG 2 at Durham, North Carolina

J A Board, Jr, (Ed), *Transputer Research and Applications 2*, Proceedings of the second North American Transputer Users Group Meeting (Durham, NC, USA, 18-19 october 1989). IOS Press. ISBN 90-5199-027-8

- 1 D Shea, *Victor Multiprocessor*
- 2 N Ho, *Efficient Tools for Transputer Performance Monitoring*
- 3 S Turner, W Cai, *Highly Transparent Monitoring of Real-Time Occam Programs*
- 4 H Arabia, *Computer Input Device for Severely Disabled People*
- 5 G K Ellis, *Data Acquisition and Control Using Transputers*
- 6 H Motteler, *Occam and Dataflow*
- 7 D Hyde, M Squire, *Constructing a Deadlock-Free Hypercube Simulator in Occam*
- 8 P Jones, A Murta, *The Implementation of a Run-Time Link-Switching Environment for Multi-Transputer Machines*
- 9 A Clessas, *Systolic Computing on Transputer Networks*
- 10 M Shumway, *Deadlock-Free Packet Networks*
- 11 T Hintz, *Remote Access to Parallel Computer Systems*
- 12 J Board, J Lu, *Performance of Parallel Neural Network Simulations*
- 13 F Lee, G Stiles, *Parallel Simulated Annealing: Several Approaches*
- 14 R Cooper, *Using Multiple-Radix Arithmetic for fast Parallel Multiplication on a Transputer System.*
- 15 P Busalacchi, *Linda on a Transputer-Based Personal Computer*
- 16 M Mandal, *ALPS on a Transputer Network: Kernel Support for Topology-Independent Programming*
- 17 Z Xu, *A Graph Tool for Parallel Programming in Occam*
- 18 M Cannataro, *The Development of a Multi-Transputer Implementation of the AND/OR Process Model.*
- 19 J M Adamo, *Exception Handling in the C-NET Parallel Programming Language*
- 20 R Qi, A Wagner, *Programming for Data Parallelism using C++*
- 21 D Hyde, K Thornton, *Wavefront (hyperplane) Algorithms for Transputers*
- 22 J Berkey, P Wang, *Transputer Implementation of Heuristic Algorithms for the One-Dimensional Bin Packing Problem*
- 23 Z Ying, *The Design and Implementation of a Topological Programming Environment for Parallel C++ on Transputers*
- 24 O de Vel, *A Multicomputer Transputer System*
- 25 H Motteler, K Nicholas, *Some Experiences with Occam 2 and the TDS Environment*
- 26 B Kroger, O Vornberger, *Solving a Cutting Stock Problem on a Transputer Network*
- 27 X Deng, *Dynamic Fault Detection in Transputer Systems*
- 28 E Gillanders, D Otero, *A Different Approach to Dynamic Processes in Occam 2*
- 29 R Duckworth, A Michaud, *Evaluating the Transputer using the Jigsaw Puzzle*
- 30 I Hyland, M Moulding, *Towards a Design Environment for Transputer System*

2.6 1989 OUG TM11 at Edinburgh, Scotland

J Wexler, (Ed), *Developing transputer applications*, Proceedings of OUG TM11, Edinburgh, September 1989. IOS Press. ISBN 90 5199 020 0

- 1 E Verhulst, *TROS: A Real Time Kernel for a Fault-Tolerant Multi-Processor Computer Based on Argument Flow*
- 2 D Millot, J Vautherin, *Dynamicity through Occam and TDS*
- 3 W D Crowe, *A CASE Tool for Designing Deadlock-Free OCCAM Programs*
- 4 W Joosen, P Verbaeten, *A Deadlock Detection Tool for Occam*
- 5 J R Davy, *Towards a Software Architecture for Solid Modelling Systems on Processor Networks*
- 6 M Q Xu, S J Turner, N Pin, *An Irregular Distributed Simulation Problem with a Dynamic Logical Process Structure*
- 7 O El-Giar, T Hopkins, *A Generally Configurable Multigrid Implementation for Transputer Networks*
- 8 H Shen, *Self-Adjusting Mapping: A Heuristic Mapping Algorithm for Mapping Parallel Programs onto Transputer Networks*
- 9 R Candlin, *The Investigation of Communications Patterns in Occam Programs*
- 10 A G Chalmers, D J Paddon, *A System Configuration for very large Database Problems*
- 11 J M Jong, G S Stiles, *A Comparison of Parallel Implementations of Flux Corrected Transport Codes*
- 12 J Vanhala, K Kaski, *Simulating Neural Networks in a Distributed environments*
- 13 M F Kuiper, A Dijkstra, *Attribute Evaluation on a Network of Transputers*
- 14 M Chalmers, *An Object Oriented Style for the Computing Surface*
- 15 J M Adamo, *C-NET, a C++ Based Language for Distributed and Real-Time Programming*
- 16 A B Smith, P H Welch, *Real-Time Transputer Models of a Low-Level Primate Vision*
- 17 F Wong, K Liang Seng, *ICR: A Transputer-Based Intelligent Character Reader*
- 18 F Desbois, *Solving Partial Differential equations via Cellular Automata: A Binary and Statistical Approach*

2.7 1989 Transputer Applications 89 at Liverpool

L Freeman, C Phillips, (Eds), *Applications of Transputers 1*, Proceedings of the first International Conference on the applications of transputers, Liverpool, UK, 23-25 August 1989. IOS Press. ISBN 90-5199-025-1

- 1 J Barnes, *Ada on Transputers*
- 2 W Leler, *Linda meets UNIX*
- 3 P Mattos, *The Transputer in Satellite Communications Signal Processing*
- 4 M Price, G Truman, *Radiosity in Parallel*
- 5 D Pritchard, *Transputer Applications on Supernode*
- 6 G Stiles, *Parallel Optimization of Distributed Database Networks*
- 7 D Wallace, *Supercomputing with Transputers*
- 8 R Allan, L Heck, *Fortnet: A Parallel FORTRAN Harness for Porting Application Codes to Transputer Arrays*
- 9 J Allwright, *Programming a bare MIMD Supercomputer, Experiences with the B001260*
- 10 N Bailey, *An Implementation of CSOUND on the Transputer*
- 11 N Brown, *Numerical Library Development for Transputer Arrays*
- 12 X Cao, *Parallel Implementation of the Tuned Generalized Hough Transform on Transputer Networks*
- 13 J Carter, *High Energy Physics Monte Carlo on a VAX based Transputer System*
- 14 M Clint, *Extensible Distributed Algorithms for the Symmetric Eigenvalue Problem*
- 15 P Dew, *Enhancing the Performance of a 3D Interactive Electronic Assembly Design System using a Transputer Network*
- 16 R Durst, *A Transputer Based Control System for the Compact Assembly Tokamak (COMPASS-D)*
- 17 O El-Giar, T Hopkins, *The Parallel Solution of Linear Elliptic Equations using Hopscotch Algorithms*
- 18 P Gartshore, *A Communication Structure for the Manipulation of Multi-Media Databases*
- 19 J Hulskamp, T Hintz, *Transputer-Based Research and Development in Australia: Current Status and Future Prospects*
- 20 S Martin, *Maximisation of the Performance of a rule based System in Reimplementation on a Transputer Array*
- 21 D Jones, J Goodfellow, *Use of Transputers in the Study of Macromolecular Interactions*
- 22 R Jones, W Yeung, *Variational Studies of the 2-D Hubbard Model on Transputer Arrays*
- 23 F Kamangar, *Implementing the Back-Propogation Algorithm on the Meiko Parallel Computing Surface*
- 24 F Kaspavec, *Advanced Transputer Interconnection Techniques*
- 25 N Kerry, S Martin, *Adapting an Oil Reservoir Simulation Package for a Transputer Array*
- 26 R Laskowski, *Protein Structure Refinement using Transputers*
- 27 A Leyman, *Implementation of Bispectral Analysis on Transputer Arrays*
- 28 G Manson, *The use of Transputers for Text Scanning of Bibliographical Databases*
- 29 P Morrow, *High Level Programming for Image Processing on a Transputer Network: Some Initial Results*
- 30 F Mourlin, E Cournarie, *A Graphical Environment for Occam Programming*
- 31 M Norman, *A Parallel 3D Graphics Utility for Parallel Programs*
- 32 G Pryde, *A Transputer Array Implementation of a fast Algorithm for the Super-Resolution of Synthetic Aperture Radar Images*
- 33 W Purgathofer, M Zeiller, *Configuring Transputers for Ray-Tracing*
- 34 G Shaw, A Stewart, *Implementation of a Multigrid Method on a Transputer Network*
- 35 M Sobhy, Y El-Sawy, *Parallel Processing Application to Non-Linear Electronic Network Design*

- 36 **P Stainton, N Brown**, *On the Translation between Occam, Fortran and Ada*
- 37 **E van der Goot**, *Real-Time Application of Transputers for Soft X-ray Tomography in Nuclear Fusion Research*
- 38 **M Watson, F Halsall**, *Concurrent Operations on Very Large Cartographic Databases*
- 39 **C Willis, R Wait**, *Distributed Finite Element Calculations on a Transputer Array*
- 40 **A Zalzala, A Morris**, *A Fast Trajectory Tracker for Intelligent Robot Manipulators*

2.8 1989 Communicating Process Architecture and Artificial Intelligence, London

M Reeve, S Ericsson Zenith, (Eds), *Parallel Processing and Artificial Intelligence*, Wiley 1989. ISBN 0-471-92497-0

- 1 I Aleksander, *Myths and realities about neural computing architectures*
- 2 L G Valiant, *Bulk synchronous parallel computers*
- 3 D Gelernter, *Information management in Linda*
- 4 T Kunii, *Information-driven parallel pattern recognition through communicating processes - a case study on classification of wallpaper groups.*
- 5 S Pfleger, G Kasch, *Fault tolerant transputer network for image processing.*
- 6 A Goto, *Research and Development of the parallel inference machine in the FGCS Project*
- 7 R Trehan, *Concurrent logic languages for the design and implementation of parallel AI systems*
- 8 P Kacsuk, I Futo, *Multi-transputer implementation of CS-Prolog*
- 9 B Pages, *Transputer Common-Lisp: a parallel symbolic language on transputer.*
- 10 C B Besant, *The application of artificial intelligence to robotics.*
- 11 A Y Zomaya, A S Morris, *Fast robot kinematic modelling via transputer networks.*
- 12 Z Ying, *Transputer-based behavioral module for multi-sensory robot control.*
- 13 E Pauwels, *PUSSYCAT: a parallel simulation system for cellular automata on transputers.*
- 14 D A Linkens, S B Hasnain, *Self-organising systems and their transputer implementations.*
- 15 M Korsloot, A J Klaasen, J M Mulder, *The suitability of transputer networks for various classes of algorithms.*

2.9 1989 NATUG 1 at Salt Lake City, Utah

G S Stiles, (Ed), *Transputer research and applications 1*, Proceedings of the first North American Transputer User Group Meeting, Salt Lake City, Utah, USA, 5-6 April 1989 IOS Press. ISBN 90-5199-026-X

- 1 M Braner, *Trollius: A Software Solution for Transputers and other Multicomputers*
- 2 P Vishnubhotla, *Data Parallel Programming on Transputer Networks*
- 3 G Barrett, *Verifying the Transputer*
- 4 N Udiavar, G S Stiles, *A Simple but Flexible Model for Determining Optimal Task Allocation and Configuration on a Network of Transputers.*
- 5 J Baker, S B Seidman, *Parallel Natural Language Processing Using Transition Networks*
- 6 S Verden, *An Implementation of Prolog for the INMOS T800 Transputer*
- 7 P J King, *Parallelising a Posix Compatible Operating System on a Multi-Transputer Supercomputer*
- 8 P C Capon, A E Knowles, *Using Algorithmic Parallelism in the Manchester Parsifal System*
- 9 M Smith, *A Transputer-Based Architecture for Data Broadcasting*
- 10 R Taylor, S Taylor, *A Fully Parallel, Multi-Processor Hardware and Software System using INMOS Transputers and the Occam Programming Language*
- 11 F H Schlereth, B F Schlereth, *Kilonode: A Transputer-Based Parallel Computer*
- 12 T B Henderson, *Software Development on the Video Analysis Transputer Array*
- 13 J Harper, *Variable Topology Parallel Processing on the Sun: A Graphics based, Mouse Driven Approach.*
- 14 C J Taylor, *The Cyclops Vision System*
- 15 C Phillips, *Numerical Libraries for Multiprocessor Systems*
- 16 K Sikorski, G Schuster, *3-Dimensional Simulation of Acoustic and Elastic Wave Propagation on Parallel Computers*
- 17 D F Dawson, K L Hambacker, *A Design Laboratory Introduction to a Reduced Instruction Set Computer, A Forth Based Single Board Computer Implementation of the IMS T212 Transputer*
- 18 J Zhao, *The Travelling Salesman Problem on Meiko Parallel Computer*
- 19 E Dirkx, *IMISSED-T: Interactive Microprocessor Instruction Set Simulation Environment with Graphical Display for Transputers*
- 20 G S Stiles, *How the Transputer Stacks up against other Machines: Performance Comparisons on Several Application Programs*

2.10 1989 OUG TM10 at Enschede, Netherlands

A Bakkers, (Ed), *Applying transputer based parallel machines*, Proceedings of OUG TM10, Enschede, April 1989. IOS Press. ISBN 90 5199 011 1

- 1 **P C Capon**, *Experiments in Algorithmic Parallelism*
- 2 **J Eudes**, *PDS: Advanced Program Development System for Transputer Based Machines*
- 3 **J Kerridge**, *Design, Abstract Data Types and Occam*
- 4 **P Croll, G Manson**, *Configuration Tools for a Transputer Workstation*
- 5 **W Cai, S Turner**, *Highly Transparent Monitoring of Parallel Systems Using 'Logical Clocks'*
- 6 **A A J Langenkamp**, *A Transputer Based Visual System*
- 7 **W Huiskamp, P M Elgershuizen, A A J Langenkamp, P L J van Lieshout**, *Visualisation of 3D Empirical Data: The VOXEL Processor*
- 8 **C Brown, M Rygol**, *Marvin-Multiprocessor Architecture for Vision*
- 9 **J C Admiraal, N Carmichael**, *Memory Managers for Transputer Networks*
- 10 **J Briat, PARX**: *A Parallel Operating System for Transputer Based Machines*
- 11 **H Roebbers, M Vlot**, *A Communication Processor on the Transputer*
- 12 **R M A Peel**, *Issues raised While Implementing a Layered Protocol Using Occam and the Transputer*
- 13 **M Heaps**, *An Occam-2 Implementation of Higher-Level Network Protocols: A Case Study in Interfacing a Multi-user, Multi-Transputer System to a Local Area Network*
- 14 **F Baude**, *Topologies for Large Transputer Networks: Theoretical Aspects and Experimental Approach*
- 15 **P H Welch**, *TRANSNET - A Transputer-Based Communication Service*
- 16 **A H Djahanguir, J C Geffroy**, *Use of Occam for the Validation of Distributed Discrete Event Driven Simulation*
- 17 **C H Nevison**, *Discrete Event Simulation Using Occam*
- 18 **A Cosnunau**, *A Structural Dynamics Problem on a Network of Transputers*
- 19 **P Van Renterghem**, *Applicability of a 16-Node Transputer Array Without External Memory*
- 20 **G P Balboni**, *PIPES: A Transputer-Based Parallel Architecture for AI Real Time Applications*
- 21 **G ter Reehorst, K C J Wijbrans**, *BIONIVISION, A Laserscanner with Transputers*
- 22 **J C Vermeulen**, *A Novel Architecture for Data-Acquisition and On-Line Analysis in High-Energy Physics Experimentation*
- 23 **K Stringer, L C Waring**, *Transputer Based Database Organisation - An Example Protein Database Implemented Using Pipeline and Hypercube Configurations*
- 24 **E Buitenwerf**, *An Operational Pattern Recognition System on Transputers*
- 25 **P H Welch**, *Graceful Termination - Graceful Resetting*

2.11 1988 South Africa 1988 at Johannesburg

H Neishlos, (Ed), *Parallel processing: technology and applications*, Proceedings of the international symposium, 26-28 October 1988, Johannesburg, South Africa. IOS Press. ISBN 90 5199 021 9

- 1 P N Schwarztrauber, *Parallel Computation and Communication Algorithms*
- 2 J Saltz, H Berryman, *Runtime Aggregation of Recursion Relations*
- 3 J Saltz, R Mirchandaney, *Run-Time Parallelization and Scheduling of Loops*
- 4 J H George, *Robust Algorithms Which Reduce Run Time of Navier-Stokes Solutions on Supercomputers*
- 5 J M A Gledhill, *Fluid Dynamics on Parallel Processors the Cellular Automation Approach*
- 6 G de V Smit, G T Gray, *Concurrent Distributed Operating Systems*
- 7 P Atkin, S Ghee, *A Transputer Based Multi-user Flight Simulator*
- 8 D C Levy, *Speed Control of an Induction Model Using a Farm of Transputers*
- 9 J M Bishop, *Software Development for Parallel Processors*
- 10 D G Kourie, R J van den Heever, *Distributed Systems in ISO-Context*
- 11 D G Kourie, R J van den Heever, *Design of Distributed Systems: Object-Oriented Event-Driven Approach*
- 12 P G Clayton, *Abstract Process Placement for Distributed Parallel Processing Environments*
- 13 N Vijojoen, *An Overview of Transputer Based Computers and a Description of the MC2 Machine*
- 14 P J Bakkes, *Transputer Enhancement: Virtual Memory Management for the Transputer*

2.12 1988 OUG TM9 at Southampton

C Askew, (Ed), *Occam and the transputer - research and applications*, Proceedings of OUG TM9, Southampton, September 1988. IOS Press. ISBN 90 5199 010 3

- 1 P J Bakkes, *Virtual Memory Management for the Transputer*
- 2 C H R Grimsdale, *CDL - A Distribution Language for HELIOS*
- 3 W D Crowe, P E D Strain-Clark, *A Concurrent Approach to the Towers of Hanoi*
- 4 K Zhang, *An OCCAM2 Implementation of Prolog and its Preliminary Performance*
- 5 G Barrett, M Goldsmith, G Jones, A Kay, *The Meaning and Implementation of PRI ALT in Occam*
- 6 N Patel, P Bentley, C Hughes, *Simulation of Gas Pipeline Networks*
- 7 S A Green, D J Paddon, *An Extension of the Processor Farm Using a Tree Architecture*
- 8 H Ohara, H Iizuka, *A Preprocessor to Augment the Description of Occam Processes for Multitransputer Machines*
- 9 X M Qiang, S Turner, *Randomised Routing: "Hot Potato" Simulations*
- 10 F C M Lau, K M Shea, *Mapping a process Network onto a Processor Network*
- 11 P Jones, A Murta, *Support for Occam Channels via Dynamic Switching in Multi-Transputer Machines.*
- 12 P Van Renterghem, *The Computing Tower: A Supercomputer for Real-Time Simulation of Continuous Systems*
- 13 A Sinclair, P Kelly, *The Application of Transputers and Occam to an Industrial Energy Management System*
- 14 D Skillcorn, *Fast Prototyping of Architectural Designs Using Transputers*
- 15 M Stephenson, O Boudillet, *GECKO: A Graphical Tool for the Modelling and Manipulation of Occam Software and Transputer Hardware Topologies*
- 16 S P Turner, R D Beton, C Upstill, *A State-of-the-Art Radar Pulse Deinterleaver*
- 17 P Dew, N Holliman, D Morris, A De Pennington, *Techniques for Rendering Solid Objects on a Processor Farm*
- 18 N Carmichael, D Hewson, J Van Der Vorst, *A Prototype Simulator Output Move System Based on Parallel Processing Technology*

2.13 1988 OUG TM8 at Sheffield City Polytechnic

J Kerridge, (Ed), *Developments using occam*, Proceedings of OUG TM8, Sheffield, March 1988. IOS Press. ISBN 90 5199 002 4

- 1 P J Morrow, *A Comparison of Two Notations for Programming Image Processing Applications on Transputers*
- 2 I A Horton, S J Turner, *Dynamic Processes in Occam*
- 3 A D Culloch, *Parallel Programming Toolkit for 3L - C FORTRAN and Pascal*
- 4 C P Winder, *Parallel Processing with a Disputer*
- 5 P Goward, W Leler, *PIX: NeWS for Parallel Computers*
- 6 H A M Hendrikx, R J Hacking, *Occam and Transputers for Industrial Applications*
- 7 E Mills, B C O'Neill, *Transputer Instrumentation Applied to Electrostatic Powder Flow Measurement*
- 8 D Ellison, L Natanson, *A Talking Bee on the Transputer*
- 9 M G Norman, R B Fisher, *Surface Tracking within Three Dimensional Datasets Using a Generalised Message-Passing System*
- 10 A C Tan, R Richards, A D Linney, *3D Medical Graphics - Using the T800 Transputer*
- 11 B W Heal, *Transputer Implementation of a Graphics Pipeline for Octree Encoded Objects*
- 12 D W Downing, I B Bennett, *Multi-transputer Based Parallel Implementation of Feature Extraction for Object Recognition*
- 13 R Cok, *A Medium-Grained Parallel Computer for Image Processing*
- 14 W A Cormack, *Real-time Processing of Large Volume Data from Photographic Plate Measurements*
- 15 M C Bowler, M J Morse, N Frydas, *Adaptive Routing Techniques in Simulated Computer Networks*
- 16 D A Nicole, E K Lloyd, J S Ward, *Switching Networks for Transputer Links*
- 17 R M A Peel, *Using Transputers in an Ethernet Environment*
- 18 G Richards, *Implementation of Back-propagation on a Transputer Array*
- 19 M E C Hull, F J Bell, *Concurrency in Database Management System Design and Implementation*
- 20 B Wylie, *Cellular Automation Lattice Gas Hydrodynamics on a Concurrent Supercomputer*

2.14 1987 OUG TM7 at Grenoble, France

T Muntean, (Ed), *Parallel programming of transputer based machines*, Proceedings of OUG TM7, Grenoble, 14-16 Sept 1987. IOS Press. ISBN 90 5199 007 3

- 1 R Shepherd, *Security Aspects of Occam 2*
- 2 C O'Neill, *The TDS Occam 2 Debugging System*
- 3 G Jones, *On Guards*
- 4 D Pritchard, *Mathematical Models of Distributed Computation*
- 5 M Goldsmith, *Occam Transformation at Oxford*
- 6 A W Roscoe, *Routing Messages Through Networks: An Exercise in Deadlock Avoidance*
- 7 D Crookes, P Milligan, N S Scott, P L Kilpatrick, P J Morrow, *LATIN - A Language for Transputer Networks*
- 8 D McBurney, M R Sleep, *Experiments with a Transputer-based Diffusion Architecture*
- 9 N Dodd, P J Beynon, *Multilayer Perceptrons on Transputer Networks*
- 10 A Johannet, G Loheac, L Personnaz, I Guyon, G Dreyfus, *A Transputer Based Neurocomputer*
- 11 V Martorana, M Migliore, S L Fornilli, *Parallel implementations of a Molecular Dynamics Program for Lennard-Jones Particles on Transputer Network*
- 12 P Welch, *Managing Hard Real-Time Demands on Transputers*
- 13 A Burns, A Wellings, *Occam's Priority Model and Deadline Scheduling*
- 14 P C Capon, A J West, *Monitoring Occam Channels by Program Transformation*
- 15 T Muntean, C Tricot, *Operating Models for (Reconfigurable) Transputer Networks*
- 16 D Ch Meier, A Wespi, J E Boillat, P G Kropf, *An Analysis and Reconfiguration Tool for Mapping Parallel Programs onto Transputer Networks*
- 17 M H Barton, N J Edwards, *An Occam Architecture for Reconfigurable Systems*
- 18 M Mevenkamp, S Streitz, *Transputer and Parallel Computation at the GMD*
- 19 J Reynolds, *Transputer and Parallel Prolog*
- 20 D Bosley, J Mortimer, *A Real Time Prolog Compiler for Multi-transputer Architectures for Knowledge Based Systems Applications*
- 21 A Dixon, *Data Structures for Parallel Architectures in Artificial Intelligence*
- 22 J G Harp, H C Webber, *Image Processing on the Reconfigurable Transputer Processor*
- 23 J Kerridge, *DRAT - A Proposal for a Dynamically Reconfigurable Array of Transputers to Support Database Applications*
- 24 S Stepney, *GRAIL - Graphical Representation of Activity, Interconnection and Loading*
- 25 Y Kermarrec, R Rannou, *A Transputer Network Simulator*
- 26 M Meriaux, A Atamenia, E Lepretre, *A Transputer-Based Architecture for Graphics*
- 27 I Gorton, *A Distributed Architecture for Simulating Microprocessor Systems*
- 28 A Bakkers, R Van Rooij, L James, *Design of a Real-time Operating System (RTOS) for Robot Control*
- 29 S Tian, G Xu, Y-H Pao, W L Schultz, *Use of Occam and the Transputer Architecture for Matrix Inversion*
- 30 J M Favre, C S Coray, *Computational Statistics on a Multi-transputer Architecture*
- 31 A Cosnuau, O Poirel, *Some Numerical Experiments on Transputer Networks*
- 32 J S R Alves Filho, D R J Owen, *Using Transputers in Finite Elements Calculations: A First Approach*
- 33 K Wybrans, R Kurver, *The Development of a Parallel C Compiler*
- 34 N H Garnett, *HELIOS - An Operating System for the Transputer*
- 35 R Hilhorst, *Parallelisation of Computational Algorithms for a Transputer Network: An Approach*

- 36 **S Niar, G Goncalves, M P Lecouffe, B Toursel**, *The Occam Processes of the N-ARCH Kernel*
- 37 **P Patry, J-C Salome**, *Optical Character Recognition on a Network of Transputers*
- 38 **D Call**, *The Knapsack Solver: A Benchmark for Parallel Computing Systems*
- 39 **D Gasilloud, B Mignot**, *Ray-tracing on Super-node*
- 40 **Y Ansade, R Cornu-Emieux, D Lattard, G Mazare, Ph Objois**, *Simulation Fonctionnelle d'une Architecture Parallele en Occam*

3 Journal articles and other papers

3.1 1990 papers

1990 papers by non-INMOS authors

- 1 **J C Admiraal, C Pronk**, *Distributed store allocation and file management for transputer networks*, Microprocessors and Microsystems 14(1), January/February 1990, pp.10-16
- 2 **D Aspinall**, *Structures for parallel processing*, Computing & Control Engineering Journal January 1990, pp.15-22
- 3 **G Ciccarella, G Paris, G Valent**, *Top-down approach to the design of occam and transputer-based real-time systems*, Computer System Science and Engineering 15(1), January 1990, pp.5-12
- 4 **R K Cooper, D A Peshkin**, *Parallel alternating direction implicit method on a network of transputers*, Computer Systems Science and Engineering 15(1), January 1990, pp.47-52
- 5 **D Crookes, P J Morrow, P J McParland**, *IAL: a parallel image processing programming language*, IEE Proceedings I 137(3), June 1990, pp.176-182
- 6 **A M Davies, R Proctor**, *Developing and optimizing a 3-D spectral/finite difference hydrodynamic model for the Cray X-MP*, Computers and Fluids 18(3), 1990, pp.259-270
- 7 **D A Fensome**, *The transputer - a prototyping tool for systems*, Computing & Control Engineering Journal January, 1990, pp.41-45
- 8 **D Gristwood**, *The Tamer Transputer*, .EXE Magazine 4(11), May 1990, pp.26-32
- 9 **D C Mason**, *Linear quadtree algorithms for transputer array*, IEE Proceedings Pt E 137(1) January 1990
- 10 **K A Murray, A J Wellings**, *Wisdom: a distributed operating system for transputers*, Computer Systems Science and Engineering 5(1), January 1990, pp.13-20
- 11 **D Pountain**, *Virtual Channels: The next generation of Transputers*, Byte April 1990, pp.E& W3-12
- 12 **D Pountain**, *Configuring Parallel Programs - Part 2*, Byte 1990, January pp.327-334
- 13 **Owen F Ransen**, *The Art of Ray Tracing*, Byte February 1990, pp.238-242
- 14 **Owen F Ransen**, *The Art of Ray Tracing*, Australian Personal Computer March 1990, pp.139-146
- 15 **H Richter**, *Multiprocessor with dynamically variable topology*, Computer Systems Science and Engineering 5(1), January 1990, pp.29-35
- 16 **Jon Vaughan**, *MS-DOS memory resident transputer graphics server*, Microprocessors and Microsystems 14(2), pp83-88, March 1990
- 17 **J Wexler**, *Razor sharp*, .EXE Magazine 4(11), May 1990, pp.34-38

3.2 1989 papers

1989 papers by INMOS authors

- 1 **D J Bailey, N Birch**, *Image compression using a discrete cosine transform image processor*, Electronic Engineering, July 1989
- 2 **S Burkhardt, M Fritzsche, et al**, *The Transputer. II. Programming and application*, Radio Fernsehen Elektronik 38(12), 1989, pp.760-763
- 3 **Andy Hamilton**, *Porting to the Transputer*, .EXE 4(3), August 1989
- 4 **B Jogo**, *Occam et le transputer: Le parallelisme au present Minis & Micros*, No.322, 15 Mai 1989, pp.45-50
- 5 **B Jogo, R Hersemeule**, *Le Transputer et la question du temps reel (1)*, Minis & Micros No.327, 18 Sept 1989
- 6 **Ray Knagg**, *Software simulation on the transputer*, Microsystem Design, July/August 1989
- 7 **Phillip Mattos**, *Global positioning by satellite*, Electronics & Wireless World February 1989, pp.137-142
- 8 **Philip G Mattos**, *The Transputer as a Real-Time Controller*, Computer Design, Vol. 28 p 82, 1 July 1989
- 9 **David May, Roger Shepherd**, *Towards Totally Verified Systems*, Conference on the Mathematics of Program Construction, Groningen 1989
- 10 **David May, David Shepherd**, *Towards totally verified systems*, Proc. of Mathematics of Program Construction - Ed. J van de Snepscheut. Springer Verlag 1989. pp48-65
- 11 **David Shepherd, Greg Wilson**, *Making chips that work*, New Scientist 13 May 1989 pp61-64
- 12 **David Shepherd**, *Refinement in VLSI design*, pp 162..178 in "The theory and practice of refinement" - Ed J McDermid. Butterworths 1989

1989 papers by non-INMOS authors

- 13 **K Adamson, et al**, *Biomedical imaging using transputers and the IMSG170 colour palette*, International Conference on Acoustics, Speech and Signal Processing (Glasgow, May 1989)
- 14 **Gul Agha**, *Foundational Issues in Concurrent Computing*, Sigplan Notices, April 1989, pp.60-65
- 15 **M A Al-Turaigi, I El-Azhary, et al**, *Parallel processing techniques for solving systems*, International Journal of Mini and Microcomputers 11(1), 1989, pp.1-3
- 16 **M Al-Turaigi, M Afifi, I El-Azhary, P Excell**, *Transputer arrays for solving partitioned systems of linear equations*, Int.J. Electronics 66(5), 1989, pp.789-800
- 17 **D B Arnold, M R Hinds**, *On implementing parallel GKS*, Computer Graphics Forum 8(1), 1989, pp.13-19
- 18 **M I Barlow, P Konnanov, S E Burge**, *Analogue I/O strategies for transputers*, Microprocessors & Microsystems 13(6), July/August 1989
- 19 **G Barrett**, *Formal methods applied to a floating-point number system*, IEEE Trans Soft Eng, May 1989, pp 611-621
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| CAVILL P | 1983 | 56(5) | CORAY CS | 1987 OUG 7 | 24(30) |
| CAVILL P | 1984 | 53(5) | CORMACK GV | 1989 | 29(27) |
| CELKO J | 1985 | 49(23) | CORMACK WA | 1988 OUG8 | 23(14) |
| CERRANDA JA | 1988 | 33(21) | CORNUEMIEUX R | 1987 OUG 7 | 25(40) |
| CHALMERS AG | 1989 OUG11 | 15(10) | CORSINI P | 1986 | 45(46) |
| CHALMERS A | 1988 | 33(22) | CORSINI P | 1989 | 29(35) |
| CHALMERS DT | 1989 | 29(34) | CORSINI P | 1989 | 29(36) |
| CHALMERS M | 1989 OUG11 | 15(14) | COSNUAU A | 1987 OUG 7 | 24(31) |
| CHALMERS M | 1989 | 29(30) | COSNUAU A | 1989 | 29(37) |
| CHAN YK | 1990 TA90 | 8(59) | COSNUNAU A | 1989 OUG10 | 20(18) |
| CHANDRAS RG | 1989 | 29(31) | COSTA LDF | 1990 TA90 | 7(22) |
| CHANDY KM | 1988 | 6(26) | COURNARIE E | 1989 TA89 | 16(30) |
| CHAPMAN R | 1985 | 49(24) | COWLING DA | 1985 | 49(21) |
| CHAPMAN R | 1986 | 45(40) | CRAMB I | 1990 OUG12 | 13(5) |
| CHAPMAN R | 1986 | 45(41) | CRAWFORD AL | 1986 | 45(47) |
| CHAPPELL C | 1986 | 45(42) | CREASEY DJ | 1987 | 38(47) |
| CHAPPELL C | 1988 | 33(23) | CRINGEAN J | 1988 | 34(27) |
| CHARNLEYFISHER M | 1988 | 33(24) | CRIPPA M | 1983 | 56(23) |
| CHEMLA GM | 1985 | 49(5) | CROLL P | 1989 OUG10 | 20(4) |
| CHESNEY MH | 1987 | 38(49) | CROOKES D | 1987 OUG 7 | 24(7) |
| CHEUNG YS | 1986 | 45(43) | CROOKES D | 1987 | 39(53) |
| CHIBA S | 1990 OUGJ3 | 12(20) | CROOKES D | 1989 | 29(38) |
| CHIRICOZZI E | 1988 | 33(9) | CROOKES D | 1989 | 29(39) |
| CHOPPING M | 1990 TA90 | 8(43) | CROOKES D | 1990 TA90 | 7(27) |
| CHOWN P | 1989 | 29(32) | CROOKES D | 1990 | 27(5) |
| CHRISTIAN S | 1990 TA90 | 9(62) | CROSETTO D | 1990 TA90 | 8(55) |
| CIAMPOLINI A | 1989 | 29(33) | CROWE WD | 1988 OUG9 | 22(3) |
| CICCARELLA G | 1988 | 34(25) | CROWE WD | 1989 OUG11 | 15(3) |
| CICCARELLA G | 1990 | 27(3) | CRUTCHER LA | 1988 | 34(28) |
| CLARKE AR | 1990 TA90 | 8(36) | CRUTCHER LA | 1989 | 29(40) |
| CLARKE RT | 1989 | 30(68) | CULLOCH AD | 1988 OUG8 | 23(3) |
| CLAYTON PG | 1988 SA88 | 21(12) | CUNHA JAC | 1990 OUG12 | 13(9) |
| CLESSAS A | 1989 NATUG2 | 14(9) | CUNHA JC | 1990 TA90 | 8(46) |
| CLINT M | 1989 TA89 | 16(14) | CURRY JB | 1984 | 54(31) |
| COCKCROFT A | 1984 | 54(29) | CURRY JB | 1984 | 54(32) |
| CODDINGTON P | 1990 TA90 | 9(67) | CURTIS KM | 1990 TA90 | 8(34) |
| COGHLAN BA | 1987 | 38(50) | DACIERNO A | 1990 OUG12 | 13(19) |
| COK RS | 1986 | 45(44) | DAGLESS EL | 1986 | 46(71) |
| COK R | 1988 OUG8 | 23(13) | DAGLESS EL | 1990 TA90 | 8(30) |
| COLBROOK A | 1990 TA90 | 9(69) | DAGLESS EL | 1990 TA90 | 8(31) |
| COLE MI | 1990 OUG12 | 13(1) | DAMICO A | 1988 | 33(9) |
| COLE M | 1987 | 39(51) | DANG X | 1990 NATUG3 | 10(3) |
| COLES RW | 1984 | 54(30) | DANGELO G | 1990 TA90 | 8(54) |

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|---------------|-------------|--------|-----------------|-------------|---------|
| DARLINGTON J | 1984 | 54(33) | DURRANI TS | 1985 | 49(24) |
| DAS PK | 1987 | 39(63) | DURRANI TS | 1990 TA90 | 9(77) |
| DAS PK | 1988 | 34(29) | DURRANI TS | 1990 TA90 | 9(78) |
| DATHI N | 1986 | 47(96) | DURRANTWHYTE HF | 1990 TA90 | 7(11) |
| DAVIDSON N | 1990 TA90 | 8(36) | DURRANTWHYTE H | 1990 OUGJ3 | 12(18) |
| DAVIES AC | 1987 | 39(54) | DURST R | 1989 TA89 | 16(16) |
| DAVIES AM | 1990 | 27(6) | DVORAK V | 1988 | 34(32) |
| DAVIES R | 1990 TA90 | 7(12) | DYSON CM | 1987 | 37(5) |
| DAVY JR | 1989 OUG11 | 15(5) | EADLINE D | 1990 NATUG3 | 10(28) |
| DAWSON DF | 1989 NATUG1 | 19(17) | EARNSHAW R | 1989 | 5(8) |
| DELBAR P | 1987 | 39(56) | EAST I | 1989 | 5(16) |
| DEMUTH C | 1987 | 39(72) | EAST I | 1990 OUG12 | 13(6) |
| DENG X | 1989 NATUG2 | 14(27) | EBERT H | 1985 | 50(29) |
| DESBOIS F | 1989 OUG11 | 15(18) | EBERT H | 1986 | 45(49) |
| DETTMER R | 1985 | 49(26) | EBERT H | 1986 | 45(50) |
| DETTMER R | 1986 | 45(48) | EBERT H | 1987 | 39(59) |
| DETTMER R | 1988 | 34(30) | EBERT H | 1987 | 39(60) |
| DEW PM | 1987 | 39(55) | EBERT H | 1988 | 34(33) |
| DEW PM | 1989 | 30(55) | ECKELMANN P | 1983 | 56(6) |
| DEW P | 1988 OUG9 | 22(17) | ECKELMANN P | 1984 | 53(10) |
| DEW P | 1989 TA89 | 16(15) | ECKELMANN P | 1984 | 53(6) |
| DEW P | 1989 | 5(8) | ECKELMANN P | 1984 | 53(7) |
| DEW P | 1990 OUGJ3 | 12(16) | ECKELMANN P | 1984 | 53(8) |
| DIETSCH H | 1987 | 39(57) | ECKELMANN P | 1984 | 53(9) |
| DIJKSTRA A | 1989 OUG11 | 15(13) | ECKELMANN P | 1985 | 49(6) |
| DIMOND K | 1990 OUG12 | 13(23) | ECKELMANN P | 1985 | 49(7) |
| DINNING A | 1989 | 29(41) | ECKELMANN P | 1986 | 44(4) |
| DIOT C | 1990 NATUG3 | 10(3) | ECKELMANN P | 1986 | 44(5) |
| DIRKX E | 1989 NATUG1 | 19(19) | ECKELMANN P | 1986 | 44(6) |
| DIXON A | 1983 | 56(24) | ECKELMANN P | 1986 | 44(7) |
| DIXON A | 1987 OUG 7 | 24(21) | ECKELMANN P | 1986 | 44(8) |
| DJAHANGUIR AH | 1989 OUG10 | 20(16) | ECKELMANN P | 1986 | 44(9) |
| DJIAN D | 1990 TA90 | 7(8) | ECKELMANN P | 1987 | 37(10) |
| DODD N | 1987 OUG 7 | 24(9) | ECKELMANN P | 1987 | 37(6) |
| DOWNING DW | 1986 | 45(30) | ECKELMANN P | 1987 | 37(7) |
| DOWNING DW | 1986 | 45(31) | ECKELMANN P | 1987 | 37(8) |
| DOWNING DW | 1987 | 38(41) | ECKELMANN P | 1987 | 37(9) |
| DOWNING DW | 1988 OUG8 | 23(12) | EDMONDS M | 1987 | 39(61) |
| DOWNTON AC | 1990 OUG12 | 13(18) | EDWARDS J | 1990 OUG12 | 13(20) |
| DOWSING RD | 1985 | 49(27) | EDWARDS MD | 1986 | 45(45) |
| DOWSING RD | 1987 | 39(58) | EDWARDS NJ | 1987 OUG 7 | 24(17) |
| DOWSING R | 1989 | 29(42) | EDWARDS NJ | 1987 | 38(37) |
| DRAPER CM | 1989 | 29(43) | EHTESADI S | 1988 | 35(72) |
| DREYFUS G | 1987 OUG 7 | 24(10) | EHRENFEU A | 1987 | 38(45) |
| DUARTE J | 1988 | 34(31) | ELAZHARY I | 1989 | 28(15) |
| DUBOIS M | 1985 | 50(40) | ELAZHARY I | 1989 | 28(16) |
| DUCKWORTH R | 1989 NATUG2 | 14(29) | ELGERSHUIZEN PM | 1989 OUG10 | 20(7) |
| DUDZIAK MJ | 1990 NATUG3 | 10(15) | ELGIAR O | 1989 OUG11 | 15(7) |
| DUECK GDP | 1989 | 29(27) | ELGIAR O | 1989 TA89 | 16(17) |
| DUGRE JP | 1984 | 53(25) | ELGIAR O | 1990 OUGJ3 | 12(3) |
| DUNCAN BV | 1990 NATUG3 | 10(1) | ELLIOT CJ | 1986 | 45(51) |
| DUNFORD CM | 1990 TA90 | 7(10) | ELLIOT CJ | 1986 | 48(107) |
| DURHAM T | 1984 | 54(34) | ELLIOT CJ | 1989 | 29(44) |
| DURHAM T | 1985 | 50(28) | ELLIOTT RJ | 1989 | 5(18) |

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|---------------|-------------|---------|-----------------|-------------|--------|
| ELLIS GK | 1989 NATUG2 | 14(5) | FOLLOWELL C | 1988 | 33(1) |
| ELLISON D | 1988 OUG8 | 23(8) | FONSECA PNFD | 1990 TA90 | 7(20) |
| ELSAWY Y | 1989 TA89 | 16(35) | FONTAINE AB | 1989 | 5(13) |
| ENGSTROM BR | 1987 | 39(62) | FORNILLI SL | 1987 OUG 7 | 24(11) |
| ENTWISTLE PM | 1986 | 46(70) | FORREST BM | 1987 | 39(68) |
| ENTWISTLE PM | 1988 | 34(51) | FORTUNA L | 1990 TA90 | 7(14) |
| ENTWISTLE PM | 1990 TA90 | 7(20) | FORTUNA L | 1990 TA90 | 8(54) |
| ENTWISTLE PM | | 57(41) | FOSTER C | 1989 | 29(46) |
| EPPINGER A | 1990 TA90 | 7(7) | FOX GC | 1989 | 29(47) |
| ERICSON LW | 1985 | 50(30) | FRANKE H | 1990 NATUG3 | 10(14) |
| EUDES J | 1989 OUG10 | 20(2) | FRASER DA | 1989 | 30(54) |
| EUSTACE P | 1983 | 56(25) | FRASER DA | 1990 TA90 | 8(29) |
| EVANS DJ | 1986 | 46(52) | FREEMAN L | 1989 TA89 | 16(0) |
| EXCELL P | 1989 | 28(16) | FREEMAN TL | 1990 TA90 | 9(72) |
| FAVRE JM | 1987 OUG 7 | 24(30) | FREER J | 1985 | 50(37) |
| FAWCETT S | 1982 | 56(26) | FRITZSCHE M | 1989 | 28(2) |
| FAY DQM | 1984 | 54(35) | FROSINI G | 1986 | 45(46) |
| FAY DQM | 1984 | 54(37) | FROSINI G | 1989 | 29(36) |
| FAY DQM | 1984 | 54(38) | FRYDAS N | 1988 OUG8 | 23(15) |
| FAY DQM | 1985 | 50(32) | FUGE T | 1987 | 37(12) |
| FAY DQM | 1985 | 50(33) | FUGE T | 1987 | 37(13) |
| FAY DQM | 1985 | 50(34) | FUJITSU LTD | 1985 | 50(38) |
| FAY DQM | 1987 | 39(63) | FUTO I | 1989 AISIG1 | 18(8) |
| FAY DQM | 1988 | 34(29) | GAGNEBIN T | 1986 | 46(56) |
| FAY D | 1984 | 54(36) | GAIIDIOT JL | 1987 | 39(69) |
| FAY D | 1985 | 50(31) | GAJSKI DD | 1985 | 50(39) |
| FAZZARI R | 1987 | 41(119) | GALLETLY J | 1989 | 5(15) |
| FENSOME DA | 1990 | 27(7) | GALLIZZI E | 1990 OUG12 | 13(2) |
| FERNANDES EST | 1989 | 31(98) | GALUSKA S | 1990 NATUG3 | 10(2) |
| FERNANDEZ EB | | 57(42) | GARCAO AS | 1990 TA90 | 8(46) |
| FESTE JP | 1985 | 50(35) | GARCIA MV | 1988 | 34(35) |
| FIELDING DL | 1990 NATUG3 | 10(21) | GARCIANOCETTI F | 1987 | 39(67) |
| FILHO FSA | 1989 | 30(71) | GARDINER G | 1986 | 46(57) |
| FILHO JSRA | 1987 OUG 7 | 24(32) | GARNETT NH | 1987 OUG 7 | 24(34) |
| FINCHAM D | 1990 TA90 | 8(38) | GARTSHORE P | 1989 TA89 | 16(18) |
| FISHER AJ | 1983 | 57(27) | GASILLOU D | 1987 OUG 7 | 25(39) |
| FISHER AJ | 1985 | 50(36) | GASTON FMF | 1987 | 40(95) |
| FISHER AJ | 1986 | 46(53) | GAUDIOT JL | 1985 | 50(40) |
| FISHER AJ | 1986 | 46(54) | GAUDIOT J | 1986 | 46(58) |
| FISHER RB | 1988 OUG8 | 23(9) | GEARY RA | 1990 TA90 | 9(78) |
| FITCH JP | 1987 | 40(77) | GEFFIN S | 1987 | 39(70) |
| FLANIGAN JW | 1986 | 46(55) | GEFFROY JC | 1989 OUG10 | 20(16) |
| FLANIGAN JW | 1987 | 39(64) | GELERNTER D | 1989 AISIG1 | 18(3) |
| FLAVELL SJ | 1989 | 29(45) | GEORGE JH | 1988 SA88 | 21(4) |
| FLEMING PJ | 1987 | 39(65) | GERTH R | 1987 | 40(93) |
| FLEMING PJ | 1987 | 39(66) | GHEE S | 1986 | 44(10) |
| FLEMING PJ | 1987 | 39(67) | GHEE S | 1988 SA88 | 21(7) |
| FLEMING PJ | 1990 TA90 | 7(16) | GHOGOMU HT | 1990 TA90 | 9(60) |
| FLEMING PJ | 1990 TA90 | 7(19) | GILLANDERS E | 1989 NATUG2 | 14(28) |
| FLEMMING PJ | 1987 | 40(99) | GILLET VJ | 1986 | 46(59) |
| FLEMMING PJ | 1987 | 41(100) | GILLIES D | 1983 | 57(36) |
| FLETCHER P | 1988 | 34(34) | GLEDHILL JMA | 1988 SA88 | 21(5) |
| FLORENTIN JJ | 1990 NATUG3 | 10(20) | GLENDINNING I | 1987 | 39(71) |
| FOLLOWELL C | 1987 | 37(11) | GLUCK R | 1987 | 39(72) |

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|---------------|-------------|---------|----------------|-------------|---------|
| GLUKHIN L | 1988 | 34(36) | GURD JR | 1986 | 45(38) |
| GODDARD AJH | 1990 TA90 | 9(71) | GUTHSEEL P | 1988 | 34(42) |
| GODWIN AN | 1983 | 57(28) | GUYON I | 1987 OUG 7 | 24(10) |
| GODWIN AN | 1984 | 54(39) | HACKING RJ | 1988 OUG8 | 23(6) |
| GOLDSMITH M | 1987 OUG 7 | 24(5) | HAHN W | 1986 | 46(61) |
| GOLDSMITH M | 1987 | 39(73) | HAHN W | 1987 | 40(78) |
| GOLDSMITH M | 1988 OUG9 | 22(5) | HAHN W | 1988 | 34(43) |
| GOLDSMITH M | 1988 | 6(30) | HALL G | 1989 | 30(52) |
| GONCALVES G | 1987 OUG 7 | 25(36) | HALL G | 1990 TA90 | 7(23) |
| GONCALVES G | 1988 | 34(37) | HALLAMBAKER PM | 1989 | 30(53) |
| GONCLAVES R | 1988 | 35(52) | HALSALL F. | 1989 TA89 | 17(38) |
| GOODFELLOW JM | 1990 TA90 | 8(37) | HAM AN | 1985 | 50(41) |
| GOODFELLOW J | 1989 TA89 | 16(21) | HAMASI F | 1989 | 30(54) |
| GOOR AJVD | 1989 | 30(74) | HAMBACKER KL | 1989 NATUG1 | 19(17) |
| GOOT EVD | 1989 TA89 | 17(37) | HAMBLIN JO | 1987 | 40(79) |
| GORE AE | 1987 | 37(14) | HAMILTON A | 1989 | 28(3) |
| GORE AE | 1987 | 37(15) | HARDY ID | 1990 TA90 | 8(44) |
| GORTON I | 1987 OUG 7 | 24(27) | HARP JG | 1985 | 49(22) |
| GORTON I | 1989 | 29(48) | HARP JG | 1985 | 50(42) |
| GOSCH J | 1988 | 34(38) | HARP JG | 1987 OUG 7 | 24(22) |
| GOTO A | 1989 AISIG1 | 18(6) | HARP JG | 1987 | 40(80) |
| GOTTLIEB A | 1988 | 6(27) | HARP JG | 1987 | 40(81) |
| GOTTLÖB MP | 1987 | 39(74) | HARP JG | 1989 | 5(17) |
| GOWARD P | 1988 OUG8 | 23(5) | HARPER J | 1989 NATUG1 | 19(13) |
| GRAAT J | 1990 NATUG3 | 10(18) | HARRISON MD | 1985 | 49(8) |
| GRABIENSKI P | 1990 TA90 | 9(75) | HARRISON M | 1983 | 56(7) |
| GRAHAM A | 1986 | 46(60) | HASNAIN SB | 1987 | 40(82) |
| GRAHAM I | 1990 | 5(6) | HASNAIN SB | 1988 | 34(44) |
| GRANT CW | 1987 | 40(77) | HASNAIN SB | 1989 AISIG1 | 18(14) |
| GRAVIER G | 1989 | 29(49) | HASSAN S | 1990 OUG12 | 13(23) |
| GRAY AH | 1987 | 37(5) | HAUSSLER D | 1987 | 38(45) |
| GRAY GT | 1988 SA88 | 21(6) | HAUSSLER G | 1988 | 34(45) |
| GRAY JO | 1987 | 39(75) | HAYASHI K | 1985 | 51(54) |
| GRAY JP | 1990 OUG12 | 13(4) | HAYES F | 1988 | 34(46) |
| GRECO FD | 1984 | 54(40) | HAZARI C | 1986 | 46(62) |
| GRECO IN | 1986 | 47(89) | HAZARI C | 1986 | 46(63) |
| GREEN SA | 1988 OUG9 | 22(7) | HEAD B | 1985 | 50(43) |
| GREEN SA | 1989 | 29(50) | HEAL BW | 1988 OUG8 | 23(11) |
| GRIFFITHS JWR | 1990 TA90 | 8(53) | HEAL B | 1985 | 50(44) |
| GRIFFITHS M | 1990 OUG12 | 13(8) | HEAPS M | 1989 OUG10 | 20(13) |
| GRIFFITHS M | 1990 OUGJ3 | 12(12) | HEBDITCH D | 1986 | 44(24) |
| GRIFFITHS M | 1990 OUGJ3 | 12(5) | HEBDITCH D | 1988 | 34(47) |
| GRIFFITHS S | 1987 | 40(76) | HECK L | 1989 TA89 | 16(8) |
| GRIME S | 1990 TA90 | 7(11) | HEEVER RJVD | 1988 SA88 | 21(10) |
| GRIMSDALE CHR | 1988 OUG9 | 22(2) | HEEVER RJVD | 1988 SA88 | 21(11) |
| GRISTWOOD D | 1988 | 34(39) | HELLER H | 1990 NATUG3 | 10(10) |
| GRISTWOOD D | 1988 | 34(40) | HELLER H | 1990 NATUG3 | 10(9) |
| GRISTWOOD D | 1988 | 34(41) | HELZLE M | 1987 | 40(83) |
| GRISTWOOD D | 1989 | 30(51) | HELZLE M | 1987 | 40(84) |
| GRISTWOOD D | 1990 | 27(8) | HENDERSON TB | 1989 NATUG1 | 19(12) |
| GROOT AJD | 1987 | 40(77) | HENDRIKX HAM | 1988 OUG8 | 23(6) |
| GROSHONG J | 1987 | 41(119) | HENNING E | 1987 | 40(85) |
| GROSS C | 1983 | 57(29) | HENSHAW A | 1986 | 48(107) |
| GRUBMULLER H | 1990 NATUG3 | 10(9) | | | |

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|--------------|-------------|--------|---------------|-------------|---------|
| HERSEMEULE R | 1989 | 28(5) | HUGHES CJ | 1986 | 46(66) |
| HEWSON D | 1988 OUG9 | 22(18) | HUGHES C | 1988 OUG9 | 22(6) |
| HEY AJG | 1986 | 46(64) | HUISKAMP W | 1989 OUG10 | 20(7) |
| HEY AJG | 1987 | 40(86) | HUIZING C | 1987 | 40(93) |
| HEY AJG | 1987 | 40(87) | HULL MEC | 1986 | 46(67) |
| HEY AJG | 1987 | 40(88) | HULL MEC | 1987 | 40(94) |
| HEY AJG | 1988 | 34(48) | HULL MEC | 1988 OUG8 | 23(19) |
| HEY AJG | | 57(44) | HULL MEC | 1989 | 30(56) |
| HEY A | 1987 | 39(71) | HULSKAMP J | 1989 TA89 | 16(19) |
| HEY A | 1990 OUGJ3 | 12(9) | HUSKEN V | 1989 | 30(57) |
| HEYWOOD T | 1989 | 5(8) | HUYNG TT | 1990 OUGJ3 | 12(12) |
| HILHORST R | 1987 OUG 7 | 24(35) | HYDE D | 1989 NATUG2 | 14(21) |
| HILL R | 1987 | 40(89) | HYDE D | 1989 NATUG2 | 14(7) |
| HINDS MR | 1989 | 28(17) | HYLAND I | 1989 NATUG2 | 14(30) |
| HINTZ T | 1989 NATUG2 | 14(11) | ICHIKAWA M | 1990 OUGJ3 | 12(8) |
| HINTZ T | 1989 TA89 | 16(19) | IIGUNI Y | 1990 OUGJ3 | 12(10) |
| HINTZ T | 1990 NATUG3 | 10(26) | IIZUKA H | 1985 | 51(57) |
| HISLOP AD | 1990 TA90 | 9(74) | IIZUKA H | 1988 OUG9 | 22(8) |
| HO DNM | 1990 OUGJ3 | 12(15) | INMOS LIMITED | 1984 | 6(42) |
| HO N | 1989 NATUG2 | 14(2) | INMOS LIMITED | 1988 | 6(31) |
| HOARE CAR | 1984 | 54(41) | INMOS LIMITED | 1988 | 6(32) |
| HOARE CAR | 1985 | 50(45) | INMOS LIMITED | 1988 | 6(33) |
| HOARE CAR | 1985 | 6(41) | INMOS LIMITED | 1988 | 6(34) |
| HOARE CAR | 1986 | 47(95) | INMOS LIMITED | 1988 | 6(35) |
| HOARE CAR | 1989 | 5(18) | INMOS LIMITED | 1989 | 5(20) |
| HOARE CAR | 1990 | 5(1) | INMOS LIMITED | 1989 | 5(21) |
| HOARE CAR | 1990 | 5(5) | INMOS LIMITED | 1990 | 5(4) |
| HOCKMAN RD | 1990 OUG12 | 13(12) | INMOS LTD | 1983 | 56(8) |
| HOCKNEY RW | 1988 | 5(24) | INMOS | 1983 | 56(9) |
| HOFFMAN A | 1987 | 40(90) | INMOS | 1989 | 5(13) |
| HOFLING J | 1987 | 40(91) | IRWIN GW | 1987 | 40(95) |
| HOFSTEDE J | 1990 OUG12 | 13(17) | IRWIN GW | 1987 | 40(96) |
| HOLDING DJ | 1989 | 29(43) | IRWIN GW | 1990 TA90 | 7(13) |
| HOLLIMAN NS | 1989 | 30(55) | ISHIMASRU S | 1986 | 47(84) |
| HOLLIMAN N | 1988 OUG9 | 22(17) | ISHIZUKA M | 1990 OUGJ3 | 12(6) |
| HOLLINGUM J | 1985 | 50(46) | ITOH K | 1990 OUGJ3 | 12(7) |
| HOLLIS J | 1989 | 31(93) | JACKSON RA | 1990 TA90 | 8(38) |
| HOLT NP | 1986 | 46(65) | JACKSON TJ | 1989 | 30(58) |
| HOMEWOOD M | 1987 | 37(16) | JACQUEMIN JL | 1990 OUG12 | 13(8) |
| HOMEWOOD M | 1987 | 37(19) | JACQUEMIN JL | 1990 OUGJ3 | 12(12) |
| HOMEWOOD M | 1987 | 37(20) | JACQUEMIN JL | 1990 OUGJ3 | 12(5) |
| HONDA H | 1990 OUGJ3 | 12(20) | JAMES CD | 1990 TA90 | 7(15) |
| HOOMAN J | 1987 | 40(92) | JAMES L | 1987 OUG 7 | 24(28) |
| HOPKINS T | 1989 OUG11 | 15(7) | JANU K | 1987 | 40(97) |
| HOPKINS T | 1989 TA89 | 16(17) | JEGO B | 1989 | 28(4) |
| HOPKINS T | 1990 OUGJ3 | 12(3) | JEGO B | 1989 | 28(5) |
| HORTON IA | 1988 OUG8 | 23(2) | JERVIS B | 1989 | 29(48) |
| HORTON IA | 1990 NATUG3 | 10(27) | JESSHOPE CR | 1987 | 40(81) |
| HOWARD PGN | 1990 TA90 | 9(73) | JESSHOPE CR | 1988 | 5(24) |
| HOWSON C | 1990 OUGJ3 | 12(2) | JESSHOPE CR | 1989 | 32(106) |
| HOYLE BS | 1988 | 34(49) | JESSHOPE C | 1986 | 46(68) |
| HROMODA W | 1984 | 54(42) | JESSHOPE C | 1986 | 46(69) |
| HU H | 1990 TA90 | 7(11) | JESSHOPE C | 1988 | 34(50) |
| HU H | 1990 TA90 | 7(8) | JESSHOPE C | 1989 | 30(59) |

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|--------------|-------------|---------|------------------|-------------|---------|
| JHA S | 1990 TA90 | 9(77) | KELLY P | 1988 OUG9 | 22(13) |
| JIENEZ AF | 1988 | 34(35) | KEMPER A | 1985 | 50(49) |
| JOHANNET A | 1987 OUG 7 | 24(10) | KENWAY RD | 1987 | 6(38) |
| JOHANSSON EM | 1987 | 40(77) | KERMARREC Y | 1987 OUG 7 | 24(25) |
| JOHNS GC | 1990 NATUG3 | 10(6) | KERMARREC Y | 1988 | 35(53) |
| JOHNSON AS | 1990 TA90 | 7(28) | KERRIDGE JM | 1984 | 54(44) |
| JOHNSTON R | 1984 | 54(43) | KERRIDGE JM | 1985 | 50(50) |
| JOKITALO P | 1989 | 30(60) | KERRIDGE J | 1987 OUG 7 | 24(23) |
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| LECHNER U | 1987 | 41(109) | MACWHIRTER JGM | 1985 | 49(22) |
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| LINEBACK JR | 1985 | 50(51) | MARTIN S | 1989 TA89 | 16(20) |

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| MARTORANA V | 1987 OUG 7 | 24(11) | MEGSON GM | 1986 | 46(52) |
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| MASSARA RE | 1990 TA90 | 9(63) | MEVENKAMP M | 1987 OUG 7 | 24(18) |
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| MAY D | 1983 | 56(12) | MILLIGAN P | 1987 OUG 7 | 24(7) |
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| MAY D | 1983 | 56(14) | MILLIGAN P | 1989 | 29(39) |
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| MAY D | 1984 | 53(14) | MILLS E | 1990 TA90 | 7(9) |
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| MAY D | 1986 | 44(14) | MODI J | 1987 | 41(120) |
| MAY D | 1987 | 37(18) | MOKHOFF N | 1985 | 51(56) |
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| MAY D | 1987 | 37(21) | MONTANI C | 1990 TA90 | 8(56) |
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| MAY D | 1987 | 37(23) | MORGAN AD | 1990 TA90 | 7(28) |
| MAY D | 1987 | 37(24) | MORGAN N | 1986 | 47(86) |
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| MAY D | 1988 | 33(6) | MORROW PJ | 1987 OUG 7 | 24(7) |
| MAY D | 1988 | 33(7) | MORROW PJ | 1988 OUG8 | 23(1) |
| MAY D | 1988 | 6(28) | MORROW PJ | 1989 | 29(38) |
| MAY D | 1989 | 28(10) | MORROW PJ | 1989 | 29(39) |
| MAY D | 1989 | 28(9) | MORROW PJ | 1990 TA90 | 7(27) |
| MAY D | 1990 OUGJ3 | 12(1) | MORROW PJ | 1990 | 27(5) |
| MAY MD | 1990 OUGJ3 | 12(0) | MORROW P | 1989 TA89 | 16(29) |
| MAYCHELL ET | 1987 | 41(115) | MORSE MJ | 1988 OUG8 | 23(15) |
| MAYERLINDENBERG | 1987 | 41(116) | MORTIMER J | 1987 OUG 7 | 24(20) |
| MAZARE G | 1987 OUG 7 | 25(40) | MOSS DS | 1990 TA90 | 8(40) |
| MAZARE G | 1989 | 30(62) | MOTTELER H | 1989 NATUG2 | 14(25) |
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| MUKAI R | 1990 OUGJ3 | 12(19) | ONEILL C | 1987 OUG 7 | 24(2) |
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| MUNTEAN T | 1987 OUG 7 | 24(15) | OWEN DRJ | 1989 | 30(71) |
| MUNTEAN T | 1987 | 40(81) | PADDON DJ | 1988 OUG9 | 22(7) |
| MUNTEAN T | 1988 | 35(62) | PADDON DJ | 1989 OUG11 | 15(10) |
| MUNTEAN T | 1990 OUG12 | 13(16) | PADDON DJ | 1989 | 29(50) |
| MURA M | 1985 | 51(57) | PAGE I | 1987 | 41(125) |
| MURPHY LM | 1989 | 30(52) | PAGE I | 1989 | 30(72) |
| MURPHY LM | 1990 TA90 | 7(23) | PAGES B | 1989 AISIG1 | 18(9) |
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| NAYHA T | 1989 | 31(81) | PARODI GC | 1988 | 35(63) |
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| NEWPORT JR | 1986 | 47(90) | PATEL N | 1988 OUG9 | 22(6) |
| NEWPORT JR | 1986 | 47(91) | PATRY P | 1987 OUG 7 | 25(37) |
| NG M | 1990 NATUG3 | 10(3) | PAULRAJ A | 1990 OUG12 | 13(7) |
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| NIAR S | 1987 OUG 7 | 25(36) | PAYNE BJ | 1990 TA90 | 7(26) |
| NICHOLAS K | 1989 NATUG2 | 14(25) | PAYNE DB | 1990 TA90 | 8(53) |
| NICHOLS JP | 1990 TA90 | 8(50) | PEARSON I | 1985 | 49(11) |
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| OHARA H | 1988 OUG9 | 22(8) | PHILLIPS C | 1989 NATUG1 | 19(15) |
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| OLIVEIRA CRED | 1990 TA90 | 9(71) | PHILLIPS M | 1990 NATUG3 | 10(26) |
| OLIVER MA | 1987 | 38(33) | PIETRO GD | 1990 OUG12 | 13(19) |

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| SAKAI H | 1990 OUGJ3 | 12(10) | SHEA D | 1990 TA90 | 7(1) |
| SAKAMURA K | | 57(47) | SHEA KM | 1988 OUG9 | 22(10) |
| SALOME J | 1987 OUG 7 | 25(37) | SHEA KM | 1990 NATUG3 | 10(29) |
| SALTZ J | 1988 SA88 | 21(2) | SHEIRCLIFF M | 1986 | 47(102) |
| SALTZ J | 1988 SA88 | 21(3) | SHEN H | 1989 OUG11 | 15(8) |
| SAMSON J | 1986 | 47(98) | SHEPHERD D | 1987 | 37(22) |
| SAMWELL PM | 1986 | 47(99) | SHEPHERD D | 1989 | 28(10) |
| SAMWELL PM | 1988 | 35(71) | SHEPHERD D | 1989 | 28(11) |
| SAMWELL PM | 1990 NATUG3 | 10(24) | SHEPHERD D | 1989 | 28(12) |
| SAMWELL PM | | 57(46) | SHEPHERD R | 1984 | 53(15) |
| SAMWELL P | 1986 | 47(100) | SHEPHERD R | 1985 | 49(10) |
| SANDERS J | 1990 OUGJ3 | 12(17) | SHEPHERD R | 1986 | 44(14) |
| SANDLER MB | 1988 | 35(72) | SHEPHERD R | 1987 OUG 7 | 24(1) |
| SANDLER MB | 1990 TA90 | 7(22) | SHEPHERD R | 1987 | 37(18) |
| SARGENT D | 1986 | 48(107) | SHEPHERD R | 1987 | 37(23) |
| SARGENT P | 1985 | 51(68) | SHEPHERD R | 1987 | 37(25) |
| SARKAR V | 1989 | 5(14) | SHEPHERD R | 1988 | 33(4) |
| SARRAFAN AM | 1990 OUG12 | 13(11) | SHEPHERD R | 1989 | 28(9) |
| SAVELY RT | 1987 | 42(134) | SHOMURA K | 1990 OUGJ3 | 12(8) |
| SAWYERS S | 1988 | 35(73) | SHUMWAY M | 1989 NATUG2 | 14(10) |
| SCHABERNACK J | 1989 | 31(86) | SHYHCHANG S | 1989 | 31(90) |
| SCHINDLER M | 1983 | 57(35) | SIKORSKI K | 1989 NATUG1 | 19(16) |
| SCHINDLER M | 1984 | 55(57) | SILLITOE I | 1990 OUG12 | 13(20) |
| SCHLERETH BF | 1989 NATUG1 | 19(11) | SIMPSON D | 1984 | 54(44) |
| SCHLERETH FH | 1989 NATUG1 | 19(11) | SINCLAIR A | 1988 OUG9 | 22(13) |
| SCHMIDT E | 1986 | 47(101) | SKILLCORN D | 1988 OUG9 | 22(14) |
| SCHOMBERG H | 1989 | 31(87) | SKILLCORN D | 1988 | 35(76) |
| SCHULTEN K | 1990 NATUG3 | 10(10) | SKILLICORN DB | 1986 | 45(37) |
| SCHULTEN K | 1990 NATUG3 | 10(9) | SKJELLUM A | 1984 | 55(58) |
| SCHULTZ WL | 1987 OUG 7 | 24(29) | SLEEP MR | 1987 OUG 7 | 24(8) |
| SCHULZEKREMER S | 1990 OUG12 | 13(10) | SLEEP MR | 1987 | 41(111) |
| SCHUSTER G | 1989 NATUG1 | 19(16) | SLEEP RM | 1981 | 56(22) |
| SCHUTT A | 1989 | 31(86) | SMART P | 1990 TA90 | 8(35) |
| SCHUTTE A | 1988 | 35(74) | SMIT GDV | 1988 SA88 | 21(6) |
| SCHWARZTRAUBER PN | 1988 SA88 | 21(1) | SMITH AB | 1989 OUG11 | 15(16) |
| SCOTT CJ | 1990 TA90 | 7(0) | SMITH K | 1983 | 57(37) |
| SCOTT NS | 1987 OUG 7 | 24(7) | SMITH K | 1985 | 51(69) |
| SCOTT NS | 1987 | 42(135) | SMITH K | 1985 | 51(70) |
| SCOTT NS | 1988 | 35(75) | SMITH K | 1985 | 51(71) |
| SCOTT NS | 1989 | 31(88) | SMITH M | 1989 NATUG1 | 19(9) |
| SCOTT RB | 1989 | 31(89) | SMYTHE C | 1990 TA90 | 9(69) |
| SCOTT NS | 1989 | 29(39) | SOBHY M | 1989 TA89 | 16(35) |
| SEIDMAN SB | 1989 NATUG1 | 19(5) | SORINE M | 1987 | 41(117) |
| SENG KL | 1989 OUG11 | 15(17) | SPERANZA G | 1989 | 29(36) |
| SENIOR JM | 1989 | 30(52) | SPEZZANO G | 1990 OUG12 | 13(2) |
| SEPPANEN T | 1990 TA90 | 8(33) | SQUIRE M | 1989 NATUG2 | 14(7) |
| SHAFIBEGLY A | 1983 | 57(36) | SRINIVAS S | 1990 OUG12 | 13(7) |
| SHAPCOTT CM | 1990 TA90 | 9(66) | STAINTON P | 1989 TA89 | 17(36) |
| SHAPIRO E | | 57(48) | STALLARD RP | 1985 | 51(72) |
| SHARIF B | 1989 | 29(38) | STANDEVEN J | 1989 | 31(91) |

| | | | | | |
|-----------------|-------------|---------|--------------|-------------|---------|
| STANDEVEN J | 1990 NATUG3 | 10(12) | TAYLOR S | 1989 | 31(95) |
| STANSFIELD RFD | 1986 | 48(108) | TEHRANI KE | 1990 TA90 | 9(66) |
| STAVENUITER T | 1990 OUG12 | 13(21) | TERRELL TJ | 1989 | 30(52) |
| STEDHAM DJ | 1987 | 40(76) | TERRELL TJ | 1990 TA90 | 7(23) |
| STEEL R | 1987 | 42(137) | THELEN J | 1987 | 42(140) |
| STEIN RM | 1988 | 35(77) | THEOHARIS TA | 1985 | 51(74) |
| STENDER J | 1987 | 42(138) | THIELEMANS H | 1990 TA90 | 8(41) |
| STEPHEN GA | 1990 TA90 | 8(31) | THOMAS BT | 1990 TA90 | 7(28) |
| STEPHENSON M | 1988 OUG9 | 22(15) | THOMAS MM | 1990 NATUG3 | 10(31) |
| STEPNEY S | 1987 OUG 7 | 24(24) | THOMPSON AP | 1984 | 55(61) |
| STEPNEY S | 1988 | 35(78) | THOMPSON HA | 1990 TA90 | 7(16) |
| STEVENS M | 1984 | 55(59) | THOMPSON JA | 1990 TA90 | 7(10) |
| STEWART AJ | 1989 | 5(12) | THOMPSON JA | 1990 | 5(2) |
| STEWART A | 1989 TA89 | 16(34) | THOMPSON P | 1987 | 38(27) |
| STEWART M | 1987 | 42(139) | THOMPSON P | 1990 OUGJ3 | 12(11) |
| STILES GS | 1989 NATUG1 | 19(0) | THORNTON JM | 1990 TA90 | 8(40) |
| STILES GS | 1989 NATUG1 | 19(20) | THORNTON K | 1989 NATUG2 | 14(21) |
| STILES GS | 1989 NATUG1 | 19(4) | TIAN S | 1987 OUG 7 | 24(29) |
| STILES GS | 1989 OUG11 | 15(11) | TOKUMARU H | 1990 OUGJ3 | 12(10) |
| STILES GS | 1990 NATUG3 | 10(1) | TOMASI A | 1990 TA90 | 8(56) |
| STILES G | 1989 NATUG2 | 14(13) | TOSHIYUKI Y | 1987 | 42(141) |
| STILES G | 1989 TA89 | 16(6) | TOURSEL B | 1987 OUG 7 | 25(36) |
| STONE RF | 1989 | 31(92) | TOYOKAZU U | 1988 | 36(81) |
| STRAINCLARK PED | 1988 OUG9 | 22(3) | TREGIDGO RWS | 1990 OUG12 | 13(18) |
| STREITZ S | 1987 OUG 7 | 24(18) | TREHAN R | 1989 AISIG1 | 18(7) |
| STRICKLAND P | 1989 | 31(93) | TREHAN R | 1989 | 31(89) |
| STRINGER K | 1989 OUG10 | 20(23) | TRELEAVEN PC | 1987 | 42(142) |
| SU S | 1990 NATUG3 | 10(13) | TRICOT C | 1987 OUG 7 | 24(15) |
| SURRIDGE M | 1990 TA90 | 8(48) | TRICOT C | 1990 TA90 | 7(5) |
| SUYDAM WE | 1985 | 51(73) | TRUMAN G | 1989 TA89 | 16(4) |
| SWAINE M | 1988 | 35(79) | TSUKIOKA T | 1990 OUGJ3 | 12(20) |
| SWINDELLS MB | 1990 TA90 | 8(40) | TUDRUJ M | 1989 | 31(94) |
| SZTIPANOVITS J | 1990 NATUG3 | 10(22) | TULLY A | 1990 TA90 | 8(42) |
| SZTURMOWICZ M | 1989 | 31(94) | TURNER M | 1986 | 47(103) |
| TAHIR JM | 1990 TA90 | 7(18) | TURNER M | 1986 | 47(104) |
| TAL D | 1989 | 31(83) | TURNER SJ | 1988 OUG8 | 23(2) |
| TALIA D | 1990 OUG12 | 13(2) | TURNER SJ | 1989 OUG11 | 15(6) |
| TAN AC | 1988 OUG8 | 23(10) | TURNER SJ | 1989 OUG12 | 13(0) |
| TASSAKOS C | 1986 | 47(92) | TURNER SJ | 1990 NATUG3 | 10(27) |
| TAYLOR CA | 1990 TA90 | 8(31) | TURNER SJ | 1990 OUG12 | 13(14) |
| TAYLOR CJ | 1989 NATUG1 | 19(14) | TURNER SP | 1988 OUG9 | 22(16) |
| TAYLOR R | 1982 | 56(15) | TURNER S | 1988 OUG9 | 22(9) |
| TAYLOR R | 1984 | 53(16) | TURNER S | 1989 NATUG2 | 14(3) |
| TAYLOR R | 1984 | 53(17) | TURNER S | 1989 OUG10 | 20(5) |
| TAYLOR R | 1984 | 53(18) | TUTWILER RL | 1990 NATUG3 | 11(32) |
| TAYLOR R | 1986 | 44(15) | TYRRELL AM | 1987 | 42(143) |
| TAYLOR R | 1986 | 44(16) | TYRRELL AM | 1987 | 42(144) |
| TAYLOR R | 1986 | 44(17) | TYRRELL AM | 1988 | 36(80) |
| TAYLOR R | 1986 | 44(18) | TYRRELL AM | 1989 | 31(96) |
| TAYLOR R | 1986 | 44(19) | TYRRELL J | 1990 TA90 | 7(25) |
| TAYLOR R | 1987 | 37(26) | UDIAVAR N | 1989 NATUG1 | 19(4) |
| TAYLOR R | 1989 NATUG1 | 19(10) | UEDU K | 1986 | 48(105) |
| TAYLOR R | 1989 | 31(95) | UEHARA T | 1985 | 51(54) |
| TAYLOR S | 1989 NATUG1 | 19(10) | UEMATSU M | 1990 OUGJ3 | 12(20) |

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|----------------|-------------|---------|----------------|------------|---------|
| ULRICH R | 1987 | 39(57) | WATTS S | 1989 | 31(101) |
| UPSTILL C | 1988 OUG9 | 22(16) | WAYMAN R | 1986 | 44(20) |
| UPSTILL C | 1990 OUG12 | 13(5) | WAYMAN R | 1987 | 38(28) |
| UPSTILL C | 1990 TA90 | 8(51) | WEBBER HC | 1987 OUG 7 | 24(22) |
| VAJDA F | 1985 | 51(75) | WEBBJOHNSTON M | 1989 | 30(65) |
| VAJDA F | 1986 | 48(106) | WEDIG U | 1989 | 31(102) |
| VALENT G | 1990 | 27(3) | WELCH PH | 1987 | 42(147) |
| VALENZANO A | 1989 | 31(97) | WELCH PH | 1987 | 42(148) |
| VALIANT LG | 1989 AISG1 | 18(2) | WELCH PH | 1988 | 36(83) |
| VANHALA J | 1989 OUG11 | 15(12) | WELCH PH | 1989 OUG10 | 20(15) |
| VASCONCELOS NQ | 1989 | 31(98) | WELCH PH | 1989 OUG10 | 20(25) |
| VAUGHAN J | 1987 | 42(145) | WELCH PH | 1989 OUG11 | 15(16) |
| VAUGHAN J | 1990 | 27(16) | WELCH PH | 1990 OUG12 | 13(11) |
| VAUTHERIN J | 1989 OUG11 | 15(2) | WELCH P | 1987 OUG 7 | 24(12) |
| VEL OD | 1989 NATUG2 | 14(24) | WELLINGS AJ | 1990 | 27(10) |
| VERBAETEN P | 1989 OUG11 | 15(4) | WELLINGS A | 1987 OUG 7 | 24(13) |
| VERDEN S | 1989 NATUG1 | 19(6) | WENZ C | 1988 | 36(84) |
| VERHULST E | 1989 OUG11 | 15(1) | WESPI A | 1987 OUG 7 | 24(16) |
| VERHULST E | 1990 TA90 | 8(41) | WEST AJ | 1987 OUG 7 | 24(14) |
| VERMEULEN JC | 1989 OUG10 | 20(22) | WEST A | 1990 OUG12 | 13(24) |
| VERMEULEN JC | 1990 TA90 | 7(6) | WEXLER J | 1989 OUG11 | 15(0) |
| VIJOEN N | 1988 SA88 | 21(13) | WEXLER J | 1989 | 5(11) |
| VILLANO U | 1988 | 33(19) | WEXLER J | 1990 | 27(17) |
| VILLANO U | 1990 OUG12 | 13(19) | WHITBYSTREVS C | 1985 | 49(15) |
| VILLANO U | 1990 | 5(3) | WHITBYSTREVS C | 1985 | 49(16) |
| VIRK GS | 1990 TA90 | 7(18) | WHITBYSTREVS C | 1985 | 49(17) |
| VISHNUHOTLA P | 1989 NATUG1 | 19(2) | WHITBYSTREVS C | 1987 | 40(81) |
| VISHNUHOTLA P | 1990 NATUG3 | 10(16) | WHITBYSTREVS C | 1988 | 33(14) |
| VLOT M | 1989 OUG10 | 20(11) | WIEGAND F | 1988 | 34(49) |
| VORNBERGER O | 1987 | 42(146) | WIGGERS L | 1990 TA90 | 7(6) |
| VORNBERGER O | 1988 | 36(82) | WIJBRANS KCJ | 1989 OUG10 | 20(21) |
| VORNBERGER O | 1989 NATUG2 | 14(26) | WIJBRANS K | 1987 | 41(106) |
| VORNBERGER O | 1990 NATUG3 | 10(23) | WILKINSON M | 1987 | 42(149) |
| VORST JVD | 1988 OUG9 | 22(18) | WILKINSON M | 1987 | 42(150) |
| VUOHTONIEMI V | 1990 TA90 | 8(33) | WILKINSON R | 1990 TA90 | 9(73) |
| WAGNER AS | 1990 NATUG3 | 10(0) | WILLETT P | 1987 | 42(139) |
| WAGNER A | 1989 NATUG2 | 14(20) | WILLETT P | 1989 | 31(103) |
| WAH BW | 1989 | 31(99) | WILLIAMS JH | 1990 TA90 | 7(12) |
| WAIT R | 1989 TA89 | 17(39) | WILLIAMS P | 1989 | 31(104) |
| WALKER P | 1985 | 49(13) | WILLIAMS SA | 1990 | 5(7) |
| WALKER P | 1985 | 49(14) | WILLIS CJ | 1990 TA90 | 9(73) |
| WALLACE D | 1989 TA89 | 16(7) | WILLIS C | 1989 TA89 | 17(39) |
| WANG D | 1990 OUG12 | 13(22) | WILSON D | 1986 | 48(107) |
| WANG P | 1989 NATUG2 | 14(22) | WILSON GA | 1989 | 32(105) |
| WARD JS | 1985 | 50(42) | WILSON G | 1988 | 36(85) |
| WARD JS | 1987 | 40(88) | WILSON G | 1989 | 28(11) |
| WARD JS | 1988 OUG8 | 23(16) | WILSON P | 1982 | 56(15) |
| WARE JA | 1990 TA90 | 7(12) | WILSON P | 1983 | 56(16) |
| WARING LC | 1989 OUG10 | 20(23) | WILSON P | 1983 | 56(17) |
| WARING LC | 1989 | 31(100) | WILSON P | 1983 | 56(18) |
| WARMUTH MK | 1987 | 38(45) | WILSON P | 1983 | 56(19) |
| WATSON DCB | 1990 TA90 | 9(73) | WILSON P | 1983 | 56(3) |
| WATSON M | 1989 TA89 | 17(38) | WILSON P | 1983 | 56(7) |
| WATTS R | 1990 TA90 | 9(65) | WILSON P | 1984 | 53(19) |

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|-----------------|-------------|---------|--------------|-------------|---------|
| WILSON P | 1984 | 53(20) | ZEDAN H | 1986 | 48(111) |
| WILSON P | 1984 | 53(21) | ZEDAN H | 1988 | 36(90) |
| WILSON P | 1984 | 53(22) | ZEDAN H | 1989 | 32(108) |
| WILSON P | 1984 | 53(23) | ZEILLER M | 1989 TA89 | 16(33) |
| WILSON P | 1984 | 53(24) | ZEIM P | 1989 | 32(109) |
| WILSON P | 1985 | 49(18) | ZENITH SE | 1989 AISIG1 | 18(0) |
| WILSON P | 1985 | 49(19) | ZEPPENFELD K | 1990 NATUG3 | 10(23) |
| WILSON P | 1986 | 44(21) | ZHANG J | 1990 TA90 | 8(53) |
| WILSON P | 1987 | 38(29) | ZHANG K | 1988 OUG9 | 22(4) |
| WILSON P | 1988 | 36(86) | ZHANG Y | 1990 NATUG3 | 11(33) |
| WILSON R | 1988 | 36(87) | ZHAO J | 1989 NATUG1 | 19(18) |
| WILSON SA | 1986 | 48(108) | ZIELINSKI K | 1990 TA90 | 8(43) |
| WINDER CP | 1988 OUG8 | 23(4) | ZIMMERMAN P | 1990 TA90 | 7(2) |
| WINTERBOTTOM N | 1988 | 36(88) | ZITTI D | 1989 | 32(110) |
| WONG D | 1990 TA90 | 8(59) | ZOIS D | 1987 | 42(151) |
| WONG F | 1989 OUG11 | 15(17) | ZOIS D | 1988 | 36(91) |
| WONGWARAWIPAT W | 1990 OUGJ3 | 12(6) | ZOIS D | 1988 | 36(92) |
| WOOD J | 1990 TA90 | 9(71) | ZOMAYA AY | 1989 AISIG1 | 18(11) |
| WOOD KR | 1990 TA90 | 9(76) | | | |
| WOOD WJ | 1990 TA90 | 8(53) | | | |
| WOODGATE JM | 1986 | 48(109) | | | |
| WOODHAMS FWD | 1990 OUG12 | 13(15) | | | |
| WRAY FW | 1988 | 36(89) | | | |
| WYBRANS K | 1987 OUG 7 | 24(33) | | | |
| WYLIE B | 1988 OUG8 | 23(20) | | | |
| XU G | 1987 OUG 7 | 24(29) | | | |
| XU MQ | 1989 OUG11 | 15(6) | | | |
| XU Z | 1989 NATUG2 | 14(17) | | | |
| XUBANG S | 1985 | 51(76) | | | |
| XUBANG S | 1986 | 48(110) | | | |
| YAMASHITA Y | 1990 OUGJ3 | 12(11) | | | |
| YANAGAWA H | 1990 OUGJ3 | 12(11) | | | |
| YANTCHEV J | 1989 | 32(106) | | | |
| YASUDA G | 1989 | 32(107) | | | |
| YAZDY F | 1990 TA90 | 7(25) | | | |
| YEARBY KH | 1990 TA90 | 7(10) | | | |
| YEUNG HKF | 1990 TA90 | 9(64) | | | |
| YEUNG W | 1989 TA89 | 16(22) | | | |
| YING Z | 1989 AISIG1 | 18(12) | | | |
| YING Z | 1989 NATUG2 | 14(23) | | | |
| YOSHIDA N | 1990 OUGJ3 | 12(2) | | | |
| YOSHIDA T | 1990 OUGJ3 | 12(11) | | | |
| YOSHIDA Y | 1990 OUGJ3 | 12(11) | | | |
| YOSHIDA Y | 1990 OUGJ3 | 12(20) | | | |
| YU X | 1990 OUG12 | 13(16) | | | |
| ZAI LC | 1990 NATUG3 | 10(14) | | | |
| ZALEWSKI J | 1985 | 51(77) | | | |
| ZALZALA A | 1989 TA89 | 17(40) | | | |
| ZAPATA EL | 1990 TA90 | 7(24) | | | |
| ZAREAALIABADI A | 1989 | 30(56) | | | |
| ZEDAN HSM | 1989 | 31(92) | | | |
| ZEDAN H | 1985 | 51(78) | | | |
| ZEDAN H | 1986 | 46(62) | | | |
| ZEDAN H | 1986 | 46(63) | | | |



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Unix other.....

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The main aim of the User Group is to act as a forum for the interchange of information among existing and potential users of these products and as a channel for communication with INMOS. These aims are met by organising meetings, issuing a newsletter, and supporting the establishment of special interest groups.

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Occam User Group Newsletter

This is the main vehicle for communication between members and is sent out free of charge. It is issued approximately twice yearly in June and December. It includes news of relevant forthcoming events, reports on past events and short articles on occam and related subjects. It also includes names, addresses and telephone numbers of the members of the committee, organisers of special interest groups and contacts for related groups in other countries. A bibliography and a list of members are also published.

Members are encouraged to submit contributions for publication. Text should be on machine-readable media or in camera-ready form and diagrams should be suitable for reproduction. Technical descriptions of relevant products are welcomed, but advertisements quoting prices will not be accepted. Text may be submitted by electronic mail at the editor's discretion.

Technical Meetings

These are held twice yearly, usually in March/April and September. Apart from any necessary business they include papers, presentations and demonstrations and special interest group meetings. Recent meetings have included formal papers which have been published by IOS Press, Amsterdam; – for information on availability see the Newsletter. If you would like to act as host to a future meeting, please inform the User Group Secretary.

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