

Digital Internal Use Only

Who's Who at SRC

September, 1993



Systems Research Center
130 Lytton Avenue
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Preface

Who's Who at SRC is intended to introduce the Systems Research Center (SRC) to the rest of the Digital community. SRC is one of four company research laboratories working to identify and explore promising technologies necessary to the company's long-term strategy.

SRC's research covers a broad range of topics including distributed personal computing, networking, software configuration and release management techniques, programming technology, security, and formal specification. We also perform work of a more theoretical flavor motivated by problems that arise in our systems research. The results of our work are published in academic journals, conference proceedings, and the SRC research report series. In addition, members of SRC regularly give talks to development groups within Digital.

Our responsibility to the company does not end with simply presenting research results. We want our ideas incorporated into new products and improved processes, and we want our experience applied to help solve technical problems wherever they arise. To achieve these goals, we encourage our colleagues in advanced development and product groups to work more closely with us, and we welcome all requests for technical help.

Our knowledge of hardware, software, and system design is acquired by creating prototypes that we use in our daily work. By evaluating their performance, we gain practical experience about the technical feasibility and reliability of new systems. SRC has a strong commitment to transferring this experience to groups that are improving Digital's processes and products.

To promote this transfer of experience, we have produced *Who's Who at SRC*. Here, the researchers list areas in which they are currently working, and additional areas in which they are qualified to consult. The index groups all the people who can help with a particular subject. We hope our colleagues in the company will use this booklet to find the relevant people at SRC whenever they need us for help and advice. We encourage you to get in touch with us.

Robert W. Taylor

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Technical staff

Martín Abadi



Research staff

Phone: (415) 853-2196; **DTN:** 543-2196; **Office:** SRC 209

E-Mail: decsrc::ma; ma@src.dec.com; **Fax:** (415) 853-2104

Education: PhD in Computer Science, Stanford.

Research interests: Specification and verification of concurrent systems, type theory and lambda calculus, mathematical logic, cryptography and security.

Consulting areas: Logics, authentication and access control, cryptographic protocols, specification and verification, programming-language theory.

Ken Beckman



Communications manager

Phone: (415) 853-2136; **DTN:** 543-2136; **Office:** SRC 427

E-Mail: decsrc::beckman; beckman@src.dec.com; **Fax:** (415) 853-2104

Education: BA Theater, Michigan State University; MA Cinema, San Francisco State University.

Current work: Videotape productions, Forum presentations, and consultation on audio/video/film/teleconferencing topics.

Consulting areas: Video production and videotape editing, video hardware, audio and video for teleconferencing.

Lance Berc



Research staff

Phone: (415) 853-2297; **DTN:** 543-2297; **Office:** SRC 328

E-Mail: decsrc::berc; berc@src.dec.com; **Fax:** (415) 853-2104

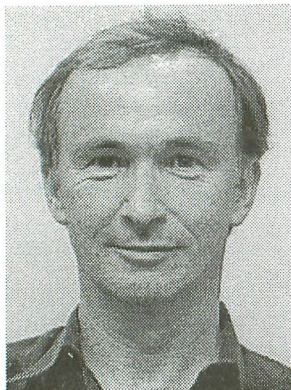
Education: BA Computer Science, University of California at San Diego (1984).

Research interests: Applying modern hardware technology to real problems.

Current work: Integrating audio & video into networked workstations.

Consulting areas: Graphics accelerators, teleconferencing, audio and video processing.

Andrew Birrell

**Research staff**

Phone: (415) 853-2214; **DTN:** 543-2214; **Office:** SRC 307

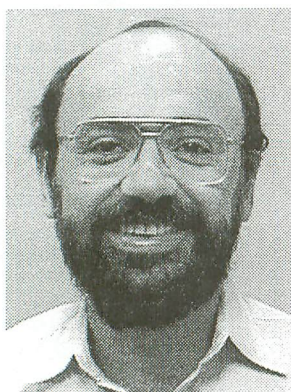
E-Mail: decsrc::birrell; birrell@src.dec.com; **Fax:** (415) 853-2104

Education: My PhD work was on the CAP filesystem and Algol 68, with Roger Needham at the University of Cambridge.

Research interests: I enjoy designing just about anything, although I've tended to concentrate on distributed systems. In the past I've worked on compilers (Algol68C), electronic mail (Grapevine), RPC (Cedar and Taos), file systems (CAP, UFS, Cedar and Echo), concurrency (SRC Threads), networking (AN1), naming (Grapevine, GNS, SRC Name Server) and security (Cedar RPC, GNS, DSSA). I also enjoy writing applications that have actual user interfaces (e.g. Postcard).

Consulting areas: Distributed systems, name services, RPC, electronic mail, security, Macintosh, NT operating system.

Andrei Broder

**Research staff**

Phone: (415) 853-2118; **DTN:** 543-2118; **Office:** SRC 211

E-Mail: decsrc::broder; broder@src.dec.com; **Fax:** (415) 853-2104

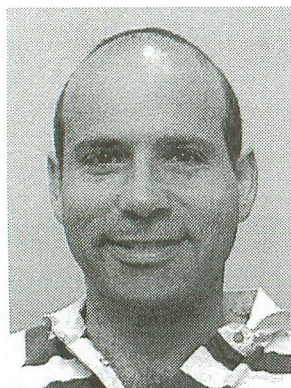
Education: PhD in Computer Science, Stanford.

Research interests: Analysis of algorithms, randomness, graph theory, combinatorics, hashing, fingerprinting.

Current work: The analysis of certain paging algorithms.

Consulting areas: Algorithms (of all kinds), data structures, probability and statistics, symbolic algebra, Maple.

Marc H. Brown

**Research staff**

Phone: (415) 853-2152; **DTN:** 543-2152; **Office:** SRC 212

E-Mail: decsrc::mhb; mhb@src.dec.com; **Fax:** (415) 853-2104

Education: PhD in Computer Science, Brown University (1987).

Research interests: Interactive graphics applications, audio-visualization of programs, software tools for building user interfaces, and computer science education.

Current work: Visual Obliq (application builder for distributed applications), 3-D graphics for algorithm animation, maintaining Zeus, FormsVBT, and VBTkit (tools for building applications and animations).

Consulting areas: User interface tools; visualization of software, programs, and information; computer science education.

Mike Burrows



Research staff

Phone: (415) 853-2247; **DTN:** 543-2247; **Office:** SRC 204

E-Mail: decsrc::burrows; burrows@src.dec.com; **Fax:** (415) 853-2104

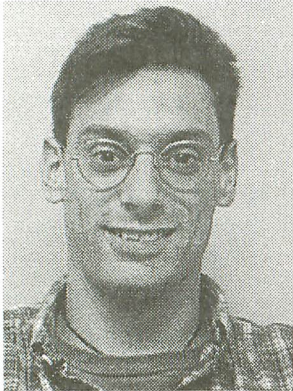
Education: PhD, Computer Laboratory, Cambridge.

Research interests: Operating systems, networks, security, data compression, text indexing.

Current work: Host software for AN1/AN2 (ATM-compatible local area network), compression in file systems, elapsed-time profiling (ETP) tools.

Consulting areas: LAN software, text indexing, data compression, distributed systems, performance tools.

Jim Collias



Research staff

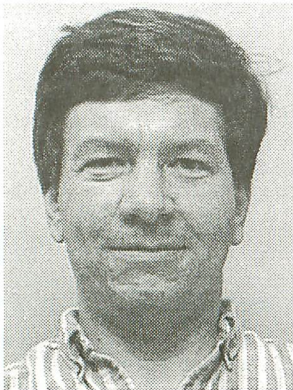
Phone: (415) 853-2178; **DTN:** 543-2178; **Office:** SRC 329

E-Mail: decsrc::jcollias; jcollias@src.dec.com; **Fax:** (415) 853-2104

Current work: Hardware design for the AN2 (ATM-compatible local area network) project.

Consulting areas: PCB (printed circuit board) and physical hardware design.

Luca Cardelli



Research staff

Phone: (415) 853-2110; **DTN:** 543-2110; **Office:** SRC 218

E-Mail: decsrc::luca; luca@src.dec.com; **Fax:** (415) 853-2104

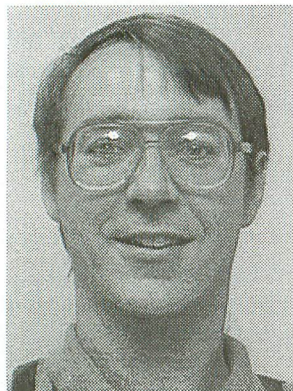
Education: PhD in Computer Science, Edinburgh University (1982).

Research interests: Theory of programming languages—polymorphism, subtyping, recursion, modularization, typechecking.

Current work: Typed and untyped object calculi, distributed embeddable languages (Obliq), language design issues for ML-2000.

Consulting areas: Programming language design and theory, polymorphism, functional and object-oriented programming.

Dave Detlefs

**Research staff**

Phone: (415) 853-2260; **DTN:** 543-2260; **Office:** SRC 228

E-Mail: decsrc::detlefs; detlefs@src.dec.com; **Fax:** (415) 853-2104

Education: SB, MIT, 1982; PhD, Carnegie Mellon University, 1990.

Research interests: Programming language design and implementation, especially garbage collection; specification and verification of programs; programming environments.

Current work: Sparta program verification project (extended static checking); garbage collection for C and C++.

Consulting areas: Garbage collection, memory management, language-sensitive editors, C++, Emacs Lisp programming, transaction systems.

John DeTreville

**Research staff**

Phone: (415) 853-2165; **DTN:** 543-2165; **Office:** SRC 424

E-Mail: decsrc::jdd; jdd@src.dec.com; **Fax:** (415) 853-2104

Education: PhD in Computer Science, MIT.

Research interests: Language runtimes, including garbage collection; programming language design; user interfaces; distributed systems; organization of on-line information.

Current work: Memory management, graphics, personal computers.

Consulting areas: Garbage collection, debugging, hypertext systems, personal computers, programming environments, programming methodology, information storage and retrieval, office automation.

Hania Gajewska

**Research staff**

Phone: (415) 853-2129; **DTN:** 543-2129; **Office:** SRC 325

E-Mail: decsrc::hania; hania@src.dec.com; **Fax:** (415) 853-2104

Education: Undergraduate: Princeton; Graduate: PennState.

Research interests: User interfaces, window systems.

Current work: Telecommuting project.

Consulting areas: User interface design, teleconferencing.

Lucille Glassman



Research staff

Phone: (415) 853-2217; **DTN:** 543-2217; **Office:** SRC 202

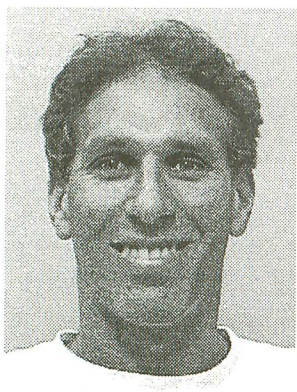
E-Mail: decsrc::glassman; glassman@src.dec.com; **Fax:** (415) 853-2104

Education: BA in English, Stanford, 1984.

Current work: Writing SRC's documentation, writing tools to make it easy and rewarding to document an interface or program.

Consulting areas: Documentation, spell checkers

Steve Glassman



Research staff

Phone: (415) 853-2166; **DTN:** 543-2166; **Office:** SRC 329

E-Mail: decsrc::steveg; steveg@src.dec.com; **Fax:** (415) 853-2104

Education: MS in Computer Science, Stanford.

Current work: Algorithm animations, Trestle (SRC window system) on Windows/NT.

Consulting areas: Graphical user interfaces, Windows/NT.

Christine Hanna



Research staff

Phone: (415) 853-2197; **DTN:** 543-2197; **Office:** SRC 302

E-Mail: decsrc::hanna; hanna@src.dec.com; **Fax:** (415) 853-2104

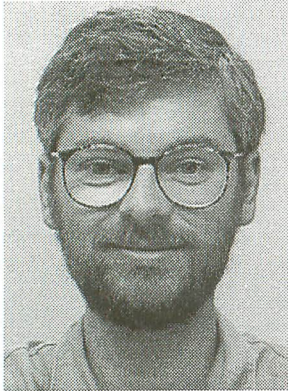
Education: MS in Computer Science, Stanford.

Research interests: Programming environments and tools, programming languages, performance monitoring.

Current work: Vesta, an advanced configuration management system designed to simplify large-scale programming.

Consulting areas: System management, version control, functional programming tools.

Stephen Harrison



Research staff

Phone: (415) 853-2140; **DTN:** 543-2140; **Office:** SRC 313

E-Mail: decsrc::harrison; harrison@src.dec.com; **Fax:** (415) 853-2104

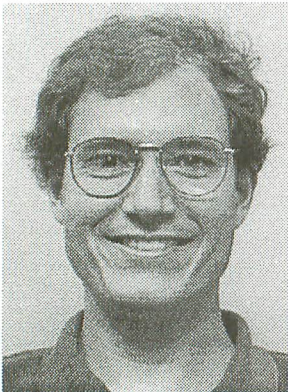
Education: PhD in Computer Science, Cambridge (1989).

Research interests: Realistic image synthesis, computer music, distributed graphics applications, computer typography, compilers and interpreters.

Current work: Hierarchical methods for global illumination. Designing and implementing a 3-D library to support the next generation of graphics applications. I'm becoming interested in user interface design.

Consulting areas: 3-D graphics, image synthesis, typography, document preparation.

Allan Heydon



Research staff

Phone: (415) 853-2142; **DTN:** 543-2142; **Office:** SRC 203

E-Mail: decsrc::heydon; heydon@src.dec.com; **Fax:** (415) 853-2104

Education: PhD in Computer Science, Carnegie Mellon University (1991).

Research interests: Formal methods, visual specification languages, programming systems, algorithms, user interfaces.

Current work: Juno II, a double-view constraint-based drawing editor.

Consulting areas: Constraint programming, graphical user interfaces, visual languages, Unix security, Windows/NT graphics device interface.

Cynthia Hibbard



Technical editor

Phone: (415) 853-2257; **DTN:** 543-2257; **Office:** SRC 214

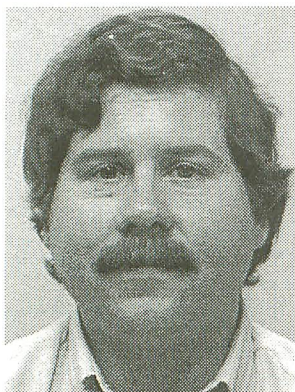
E-Mail: decsrc::hibbard; hibbard@src.dec.com; **Fax:** (415) 853-2104

Education: BA in English, University of Liverpool, UK.

Current work: Editor of the SRC Research Report series.

Consulting areas: Making technical prose clear.

Brad Horak

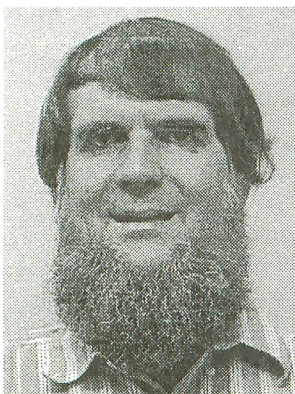


Systems manager

Phone: (415) 853-2285; **DTN:** 543-2285; **Office:** SRC 334

E-Mail: decsrc::horak; horak@src.dec.com; **Fax:** (415) 853-2104

Jim Horning



Research staff

Phone: (415) 853-2216; **DTN:** 543-2216; **Office:** SRC 413

E-Mail: decsrc::horning; horning@src.dec.com; **Fax:** (415) 853-2104

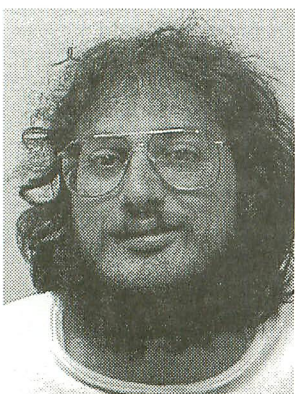
Education: PhD in Computer Science, Stanford (1969).

Research interests: Programming methodology, formal specification.

Current work: Sparta Project (use of formal methods in Modula-3); Larch Project (languages and tools for formal specification), joint with John Guttag's group at MIT.

Consulting areas: Formal specification, language design, programming methodology.

Charles Jerian



Research staff

Phone: (415) 853-2157; **DTN:** 543-2157; **Office:** SRC 314

E-Mail: decsrc::jerian; jerian@src.dec.com; **Fax:** (415) 853-2104

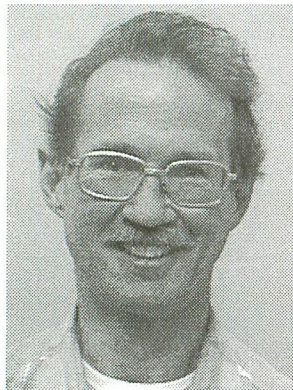
Education: PhD, University of Michigan

Research interests: Computer networks, operating systems, computer vision.

Current work: The ATM switch for the AN2 network.

Consulting areas: Network software, operating systems, image processing, pattern recognition, vision and scene understanding.

Steve Jeske



Systems support

Phone: (415) 853-2222; **DTN:** 543-2222; **Office:** SRC 229

E-Mail: decsrc::jeske; jeske@src.dec.com; **Fax:** (415) 853-2104

Current work: Steve went to MIT and now works to support the hardware group. He is bashful about seeing anything else in print, but is always willing to help or talk.

Bill Kalsow



Research staff

Phone: (415) 853-2163; **DTN:** 543-2163; **Office:** SRC 210

E-Mail: decsrc::kalsow; kalsow@src.dec.com; **Fax:** (415) 853-2104

Education: PhD in Computer Science, University of Wisconsin – Madison (1986).

Research interests: Programming language design and implementation, distributed systems, and fast programs.

Current work: Modula-3 compiler, runtime and environment.

Consulting areas: Modula-3, programming environments, programming languages, compilers, optimization.

Anna Karlin



Research staff

Phone: (415) 853-2107; **DTN:** 543-2107; **Office:** SRC 310

E-Mail: decsrc::karlin; karlin@src.dec.com; **Fax:** (415) 853-2104

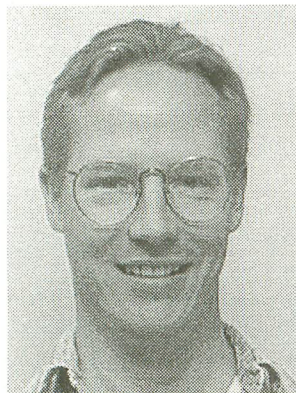
Education: PhD in Computer Science, Stanford, 1987.

Research interests: Probabilistic algorithms and analysis, on-line algorithms, computational complexity, performance analysis.

Current work: On-line algorithms (k-server problem, paging, load balancing), randomized algorithms, theory of random graphs.

Consulting areas: Probabilistic algorithms, on-line algorithms, performance analysis, queueing theory.

Jay Kistler

**Research staff**

Phone: (415) 853-2253; **DTN:** 543-2253; **Office:** SRC 311

E-Mail: decsrc::jjk; jjk@src.dec.com; **Fax:** (415) 853-2104

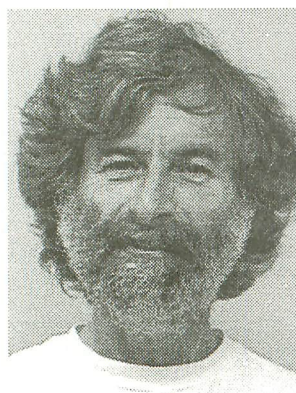
Education: BS in Business Administration, UC Berkeley, 1982; PhD in Computer Science, Carnegie Mellon University, 1993.

Research interests: Operating systems, distributed data sharing, mobile computing.

Current work: Settling in at SRC.

Consulting areas: Operating and file systems, data replication, disconnected file service, mobile computing, Mach operating system.

Leslie Lamport

**Research staff**

Phone: (415) 853-2170; **DTN:** 543-2170; **Office:** SRC 425

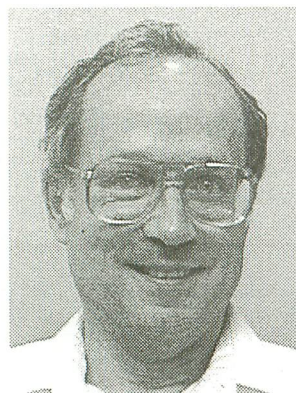
E-Mail: decsrc::lamport; lamport@src.dec.com; **Fax:** (415) 853-2104

Research interests: Concurrency, applied logic.

Current work: Formal specification and verification of concurrent systems.

Consulting areas: Concurrent algorithms, distributed algorithms, fault tolerance, synchronization, reliable computing, specification and verification.

Butler Lampson

**Research staff**

Phone: (415) 853-2219; **DTN:** 543-2219; **Office:** SRC 419

E-Mail: decsrc::lampson; lampson@src.dec.com; **Fax:** (415) 853-2104

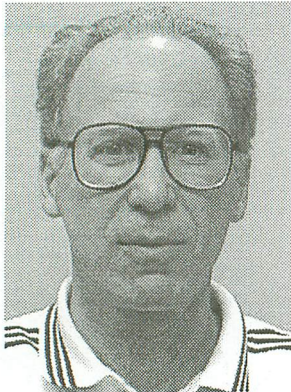
Education: AB Physics, Harvard, 1964; PhD EECS, UC Berkeley, 1967.

Research interests: Specifications, distributed systems, high-speed LANs, computer design, programming environments.

Current work: Specifications and algorithms for distributed systems.

Consulting areas: Distributed systems, programming language design, specification and verification, operating systems, computer architecture.

Roy Levin

**Research staff**

Phone: (415) 853-2218; **DTN:** 543-2218; **Office:** SRC 223

E-Mail: decsrc::levin; levin@src.dec.com; **Fax:** (415) 853-2104

Education: BS in Mathematics, Yale, 1970; PhD in Computer Science, Carnegie Mellon University, 1977.

Research interests: Operating systems, distributed systems, programming languages, software development environments.

Current work: The Vesta configuration management system, which explores a novel approach to organizing and managing the development of large software systems.

Consulting areas: Software configuration management, operating systems, software development environments, scheduling and synchronization, multiprocessing.

Mark Manasse

**Research staff**

Phone: (415) 853-2221; **DTN:** 543-2221; **Office:** SRC 411

E-Mail: decsrc::msm; msm@src.dec.com; **Fax:** (415) 853-2104

Education: PhD in Mathematical Logic, University of Wisconsin – Madison.

Research interests: Window systems, remote collaboration, competitive algorithms.

Current work: Shared applications, telecommuting, distributed factoring.

Consulting areas: On-line algorithms, data structures, window systems, model theory, public key cryptosystems, multimedia, teleconferencing, factoring algorithms.

Tim Mann

**Research staff**

Phone: (415) 853-2224; **DTN:** 543-2224; **Office:** SRC 304

E-Mail: decsrc::mann; mann@src.dec.com; **Fax:** (415) 853-2104

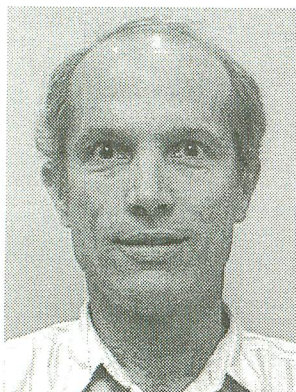
Education: PhD in Computer Science, Stanford, 1987.

Research interests: Distributed operating systems, file systems, clock synchronization, software configuration management.

Current work: Vesta, learning about Windows/NT, and random distractions

Consulting areas: Network operating systems, network protocols, file systems, fault tolerance, replication, clock synchronization, software configuration management, version control.

Paul McJones

**Research staff**

Phone: (415) 853-2255; **DTN:** 543-2255; **Office:** SRC 215

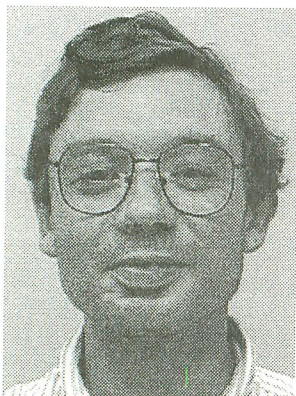
E-Mail: decsrc::mcjones; mcjones@src.dec.com; **Fax:** (415) 853-2104

Education: BS in Engineering Mathematics, UC Berkeley, 1971.

Research interests: Making computer systems easier to use and more reliable.

Consulting areas: Interface design, software reusability, personal computers, operating systems.

Eric Muller

**Research staff**

Phone: (415) 853-2193; **DTN:** 543-2193; **Office:** SRC 316

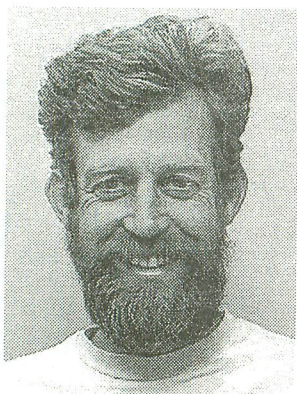
E-Mail: decsrc::muller; muller@src.dec.com; **Fax:** (415) 853-2104

Research interests: How can we write better programs? Languages, specifications, documentation.

Current work: Development and support of Modula-3, distributing and maintaining the Digital "Good Stuff" contributed software.

Consulting areas: Programming languages and implementations (compilers, debuggers, runtime systems), programming environments, GNU software, micro-controller applications.

Hal Murray

**Research staff**

Phone: (415) 853-2238; **DTN:** 543-2238; **Office:** SRC 435

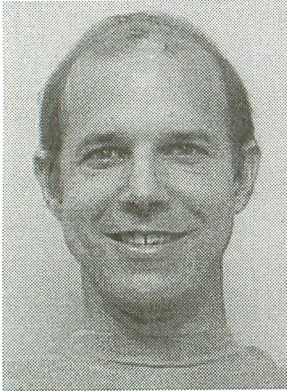
E-Mail: decsrc::murray; murray@src.dec.com; **Fax:** (415) 853-2104

Research interests: Hardware and software for high-speed networks, metastability.

Current work: AN2 TURBOchannel controller.

Consulting areas: Network controllers, ATM networks, Xilinx.

Greg Nelson

**Research staff**

Phone: (415) 853-2234; **DTN:** 543-2234; **Office:** SRC 318

E-Mail: decsrc::gnelson; gnelson@src.dec.com; **Fax:** (415) 853-2104

Education: PhD in Computer Science, Stanford, 1979; BA in Mathematics, Harvard, 1976.

Research interests: Programming languages and systems, semantics, verification.

Current work: Network objects, Juno constraint-based graphics editor, Sparta project (extended static checking).

Consulting areas: Programming languages and systems, algorithms, constraint programming, semantics, specification and verification.

Sharon Perl

**Research staff**

Phone: (415) 853-2117; **DTN:** 543-2117; **Office:** SRC 403

E-Mail: decsrc::perl; perl@src.dec.com; **Fax:** (415) 853-2104

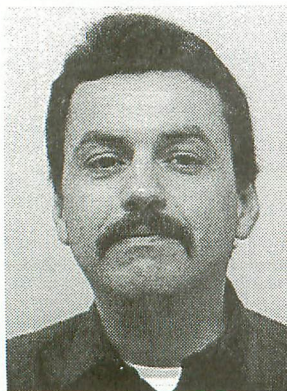
Education: PhD in Computer Science, MIT, 1992.

Research interests: Software performance tools, distributed systems, programming languages, system management tools.

Current work: Performance debugging and testing tools, system management tools.

Consulting areas: Performance tools, performance specification.

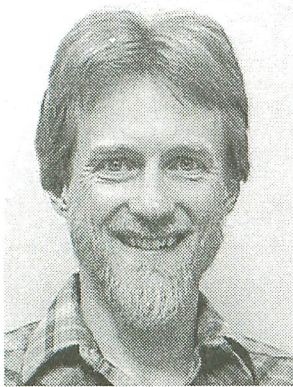
Bill Ramirez

**Systems support**

Phone: (415) 853-2123; **DTN:** 543-2123; **Office:** SRC 219

E-Mail: decsrc::ramirez; ramirez@src.dec.com; **Fax:** (415) 853-2104

Lyle Ramshaw

**Research staff**

Phone: (415) 853-2212; **DTN:** 543-2212; **Office:** SRC 418

E-Mail: decsrc::ramshaw; ramshaw@src.dec.com; **Fax:** (415) 853-2104

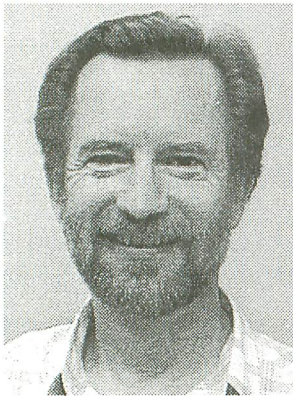
Education: PhD in CS, Stanford, 1979: *Formalizing the Analysis of Algorithms*.

Research interests: Computer-aided geometric design, projective and algebraic geometry.

Current work: Properties of polar forms (aka blossoms), straightedge constructions on Bezier curves.

Consulting areas: Algebraic geometry, polynomial interpolation, spline methods, floating-point arithmetic, computational geometry, finite fields.

Dave Redell

**Research staff**

Phone: (415) 853-2131; **DTN:** 543-2131; **Office:** SRC 326

E-Mail: decsrc::redell; redell@src.dec.com; **Fax:** (415) 853-2104

Education: PhD in Computer Science, UC Berkeley (1974).

Research interests: Distributed computing, networks, operating systems.

Current work: Multimedia collaboration systems.

Consulting areas: Remote debugging, multimedia, teleconferencing, operating systems, concurrent programming, computer privacy.

Tom Rodeheffer

**Research staff**

Phone: (415) 853-2272; **DTN:** 543-2272; **Office:** SRC 309

E-Mail: decsrc::tomr; tomr@src.dec.com; **Fax:** (415) 853-2104

Education: PhD in Computer Science, Carnegie Mellon University, 1985.

Research interests: Embedded device controllers, operating system kernels, language runtime systems, real-time scheduling, automatic network operation.

Current work: Maintaining AN1 (high-speed LAN), working on OTTO (AN2 for TURBOchannel) and AN2 switch software.

Consulting areas: Networks, real-time systems, C++.

Ricardo Sanchez

**Research staff**

Phone: (415) 853-2173; **DTN:** 543-2173; **Office:** SRC 429

E-Mail: decsrc::rsanchez; rsanchez@src.dec.com; **Fax:** (415) 853-2104

Education: Master in Computer Engineering, University of Kansas (1993).

Research interests: Distributed computing, operating systems, high-speed network modelling and analysis, simulation models, network management systems and protocols.

Current work: Network simulation of the ATM-based high-speed LAN (AN2).

Consulting areas: Networks, simulation models, distributed systems.

Jim Saxe

**Research staff**

Phone: (415) 853-2259; **DTN:** 543-2259; **Office:** SRC 312

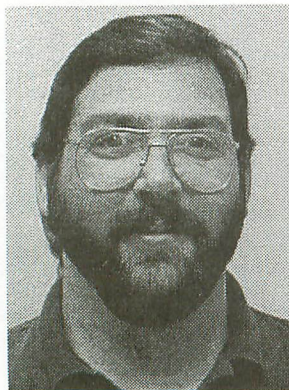
E-Mail: decsrc::saxe; saxe@src.dec.com; **Fax:** (415) 853-2104

Research interests: Analysis of algorithms, specification and verification.

Current work: Developing and evaluating switch scheduling and arbitration algorithms for the AN2 high-speed LAN project. Applying formal methods to the Alpha architecture. Participating in the Sparta project for applying Larch specification and verification methodology to Modula-3. Helping develop improvements to the Larch Prover.

Consulting areas: Verification, theorem proving, algorithms.

Richard Schedler

**Systems manager**

Phone: (415) 853-2103; **DTN:** 543-2103; **Office:** SRC 313

E-Mail: decsrc::schedler; schedler@src.dec.com; **Fax:** (415) 853-2104

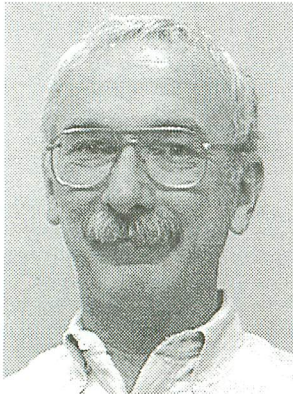
Education: BS in Computer Science Engineering, San Jose State (1983).

Research interests: Wide area information servers.

Current work: Keeping SRC's computers and networks running; maintaining the gatekeeper FTP archive; Digital internal WWW, WAIS, and gopher servers.

Consulting areas: WAIS, WWW, and XMosaic, system administration.

Mike Schroeder

**Research staff**

Phone: (415) 853-2215; **DTN:** 543-2215; **Office:** SRC 426

E-Mail: decsrc::mds; mds@src.dec.com; **Fax:** (415) 853-2104

Education: PhD in Computer Science, MIT, 1972.

Research interests: Practical structures for distributed systems.

Current work: AN2: a switch-based, ATM-compatible LAN.

Consulting areas: Local area networks, distributed file systems, client/server systems, middleware, naming services, protection and security.

Dick Sites

**Research staff**

Phone: (415) 853-2213; **DTN:** 543-2213; **Office:** SRC 319

E-Mail: decsrc::sites; sites@src.dec.com; **Fax:** (415) 853-2104

Education: PhD Computer Science, Stanford, 1974; BS Math, MIT, 1969.

Research interests: Computer architecture, system performance, binary translation, ATM.

Consulting areas: Alpha AXP architecture, performance measurement, binary translation, optimizing compilers.

Chuck Thacker

**Research staff**

Phone: (415) 853-2210; **DTN:** 543-2210; **Office:** SRC 407

E-Mail: decsrc::thacker; thacker@src.dec.com; **Fax:** (415) 853-2104

Education: AB (Physics), UC Berkeley, 1967.

Research interests: Computer architecture, networking, CAD.

Current work: Hardware for AN2: a switch-based ATM-compatible LAN.

Consulting areas: Processor architecture, hardware design, electronic CAD, networking.

Ted Wobber

**Research staff**

Phone: (415) 853-2201; **DTN:** 543-2201; **Office:** SRC 409

E-Mail: decsrc:wobber; wobber@src.dec.com; **Fax:** (415) 853-2104

Research interests: Distributed systems, data replication, security.

Current work: Network objects for Modula-3.

Consulting areas: Distributed systems security, authentication, network protocols, RPC (Remote Procedure Call), client/server programming, concurrent programming, data replication.

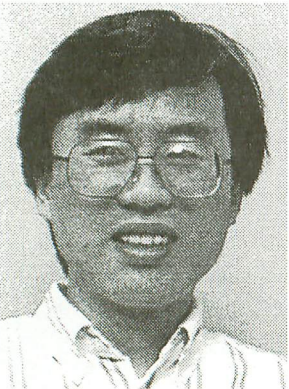
Herb Yeary

**Systems support**

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Yuan Yu

**Research staff**

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Education: PhD, University of Texas at Austin.

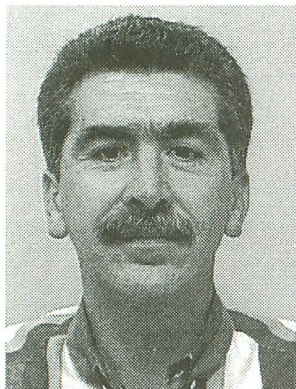
Research interests: Formal specification and verification

Current work: Sparta Project (Alpha AXP specification and verification).

Consulting areas: Program specification and verification, theorem proving, MC68020 architecture.

Administrative staff

John Estrella



Security

Phone: (415) 853-2105; **DTN:** 543-2105; **Office:** SRC 3HJ

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Current work: Security at SRC, backup tapes, offsite backup tape storage, vendors.

Annelise Feiereisen



Administrator

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Marta Forse



Administrator

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Catherine Kaercher

**Operations manager**

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Education: BA Reed College, American Studies/Literature.

Interests include overseeing the support functions of SRC to enable research to proceed effectively – unencumbered and undistracted.

Areas of concerns are budgets, consultant issues, contracts, company policies and procedures, personnel issues, and assorted other problems.

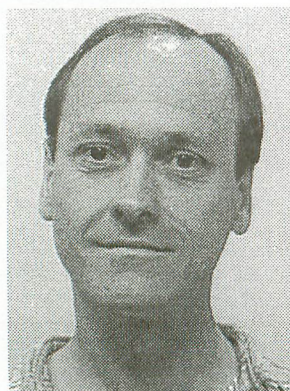
Vivian Manganello

**Receptionist**

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James Mason

**Publications and Information Services**

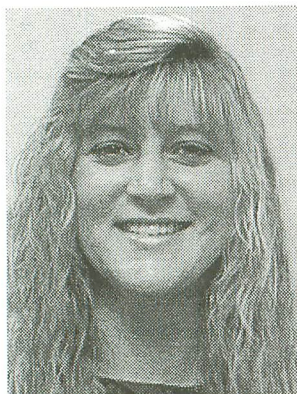
Phone: (415) 853-2167; **DTN:** 543-2167; **Office:** SRC 235

E-Mail: decsrc::jmason; jmason@src.dec.com; **Fax:** (415) 853-2104

Education: BA French Studies at Lancaster University (UK), graduate studies (French literature) at London University and Ecole Normale Supérieure.

Current work: Production, publicity, and distribution of SRC Research Reports and videos, and maintenance of their FTP availability. Managing SRC's library; acquiring and cataloging books and periodicals. Drafting and negotiating occasional research contracts. Notary Public for Digital-related business.

Laura Miskiv

**Financial analyst**

Phone: (415) 853-2258; **DTN:** 543-2258; **Office:** SRC 431

E-Mail: decsrc::miskiv; miskiv@src.dec.com; **Fax:** (415) 853-2104

Education: BS Business Administration/Finance, University of Montana (1987); MBA Corporate Finance, Golden Gate University (1993).

Areas of concern are budgets, capital expenses, asset management, and money spending in general.

Dick Parle

**Acquisition-Materials Planning**

Phone: (415) 853-2284; **DTN:** 543-2284; **Office:** SRC 116

E-Mail: decsrc::parle; parle@src.dec.com; **Fax:** (415) 853-2104

Education: BA Business Administration, San Jose State University

Current work: Providing logistical support for projects requiring hardware. Purchasing and control of material inventories. Coordinating outside vendors engaged in circuit board fabrication and assembly. Providing cost information for hardware projects.

Peggy Perez

**Orders administrator**

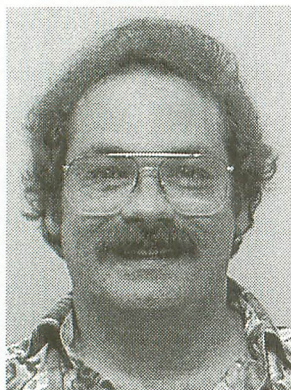
Phone: (415) 853-2239; **DTN:** 543-2239; **Office:** SRC 434

E-Mail: decsrc::perez; perez@src.dec.com; **Fax:** (415) 853-2104

Education: BS Business Administration, San Jose State University (1985)

Current work: Areas of concern are purchase orders, vendors, facilities spending, facility budget, security issues, SRC tenants, and a variety of administrative tasks.

Dean Reimer



Security

Phone: (415) 853-2264; **DTN:** 543-2264; **Office:** SRC 3HJ

E-Mail: decsrc::reimer; reimer@src.dec.com; **Fax:** (415) 853-2104

Current work: SRC Security, coordinating Property Removal Passes, maintaining the SRC Rogues' Gallery, recycling.

Betsy Sutter



Human relations

Phone: (415) 853-2146; **DTN:** 543-2146; **Office:** SRC 436

E-Mail: decsrc::sutter; sutter@src.dec.com; **Fax:** (415) 853-2104

Bob Taylor

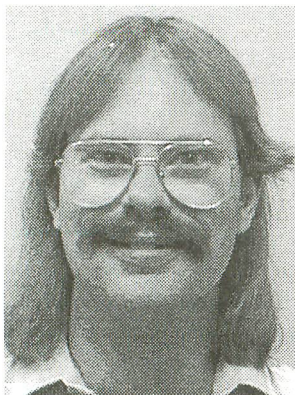


Director

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E-Mail: decsrc::taylor; taylor@src.dec.com; **Fax:** (415) 853-2104

Joe Warto



Shipping and receiving

Phone: (415) 853-2190; **DTN:** 543-2190; **Office:** SRC 101

E-Mail: decsrc::warto; warto@src.dec.com; **Fax:** (415) 853-2104

Music (1982); AA Quality Assurance (1988); Certified Reliability Engineer (1988). **Current work:** Shipping, receiving, inventory maintenance.

Vanessa Wellington



Administrator

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