SUMMER 1989

88. Mary Bailey SNYDER The On-Chip Parallelism of VLSI Circuits

FIRST JOB: U. Arizona

CURRENT JOB: Rincon Research Corp.

89. Bob Cypher SNYDER Efficient Communication in

Massively Parallel Computers

FIRST JOB: IBM Almaden Res Ctr CURRENT JOB: SUN Microsystems

90. Sang Lyul Min BAER Memory Hierarchy Management

Schemes in Large Scale

Shared-Memory Multiprocessors

FIRST JOB: Pusan National U, Korea

CURRENT JOB: Seoul Natl U

AUTUMN 1989

91. Shu-Yuen Hwang TANIMOTO Synthesis of Vision

Algorithms Based

on State-Space Search

FIRST JOB: Nat'l Chiao Tung U

Taiwan, ROC

CURRENT JOB: [deceased]

92. Kevin Jeffay SHAW The Real-Time

Producer/Consumer

Paradigm: Towards Verifiable

Real-Time Computations

FIRST JOB: U. North Carolina - Chapel Hill CURRENT JOB: U. North Carolina - Chapel Hill

93. David Wagner LAZOWSKA Conservative Parallel

Discrete-

Event Simulation: Principles

and Practice

FIRST JOB: U. Colorado - Boulder CURRENT JOB: Principia Consulting

94. Wen-Hann Wang BAER Multilevel Cache Hierarchies

FIRST JOB: IBM T.J. Watson

CURRENT JOB: Intel

95. Ricky Yeung TANIMOTO A Graphical Programming

Environment with

Pictorial Representations of

Logical Axioms

FIRST JOB: DEC, Palo Alto CURRENT JOB: Microsoft

96. Douglas Wiebe NOTKIN Generic Software Configuration

Management: Theory and Design

FIRST JOB: NeXT, Inc. CURRENT JOB: Apple

97. James Painter SLOAN Antialiased Raytracing Adaptive Progressive

Refinement

FIRST JOB: Univ of Utah

CURRENT JOB: Los Alamos National Laboratory

98. Witold Paluszynski KALET Designing Radiation Therapy
For Cancer - An Approach to

Knowledge-Based Optimization

FIRST JOB: Tech U of Wroclaw, Poland

CURRENT JOB:

99. Seungku Yi HARALICK Illumination Control Expert

for Machine Vision: A Goal Driven

Approach

FIRST JOB: Industry, Korea CURRENT JOB: Industry, Korea

SUMMER 1990

100. Brian Bershad LEVY/LAZOWSKA Techiques for Efficient

Cross-Address Space

Communication

FIRST JOB: Carnegie Mellon

CURRENT JOB: University of Washington

101. Sung Kwon Kim RUZZO Parallel Algorithms for

Geometric Intersection Graphs

FIRST JOB: Korea
CURRENT JOB: Korea

102. Erik Brisson ANDERSON, R. Representation of

D-dimensional Geometric Objects

FIRST JOB: Amherst, Dept. Math & CS

CURRENT JOB:

103. Yi-Bing Jason Lin LAZOWSKA Understanding the Limits of

Optimistic and Conservative

Parallel Simulation

FIRST JOB: Bellcore

CURRENT JOB: Natl Chaio Tung U, Taiwan

104. Ewan Tempero LADNER Network Protocols for

Non-FIFO Channels

FIRST JOB: Victoria University, New Zealand CURRENT JOB: Victoria University, New Zealand

105. Soma Chaudhuri LADNER Topics in the Theory of Distributed Computing

FIRST JOB: Iowa State University CURRENT JOB: Iowa State University

106. Mark Squillante LAZOWSKA Issues in Shared-Memory

Multiprocessor Scheduling: A

Performance Evaluation

FIRST JOB: IBM Yorktown CURRENT JOB: IBM Yorktown

107. Sung Kwon Chung LAZ/NOTKIN Remote Procedure Call

Design Flexibility and

Performance in Heterogenous

Environments

FIRST JOB: IBM Yorktown (postdoc)

CURRENT JOB:

108. Gail Harrison Alverson NOTKIN Abstractions for Effectively

Portable Shared Memory

Parallel Programs

FIRST JOB: Tera Computers CURRENT JOB: Tera Computers

WINTER 1991

109. Samuel Ho SNYDER Formal Models in Computer

Architecture

FIRST JOB: U IL, NCSA, post-doc

CURRENT JOB: Compaq

110. Ho-Kwok Dai LADNER Complexity Issues in Strictly

Non-Blocking Networks

FIRST JOB: U of North Dakota CURRENT JOB: Oklahoma State U

111. Rajendra Raj LEVY, H. Composition and Reuse in Object-Oriented Languages

FIRST JOB: SUNY, Oswego

CURRENT JOB:

SPRING 1991

112. Smaragda Konstantinidou SNYDER Deterministic and Chaotic

Adaptive Routing in Multicomputers

FIRST JOB: IBM Almaden

CURRENT JOB:

113. David Bradlee EGGERS Retargetable

Instruction Scheduling

FIRST JOB: Microsoft CURRENT JOB: Microsoft

114. David Socha SNYDER Supporting Fine-Grain

Computation

FIRST JOB: industry/England

CURRENT JOB: Rational Sftwr, Seattle

SUMMER 1991

115. William Griswold NOTKIN Program Restructuring as an

Aid to Software Maintenance

FIRST JOB: UC-San Diego CURRENT JOB: UC-San Diego

116. Bjorn Freeman-Benson BORNING Constraint Imperative

Programming

FIRST JOB: University of Victoria

CURRENT JOB: Amazon

117. John Maloney BORNING Using Constraints for User

Interface Construction

FIRST JOB: SUN Labs

Mountain View, CA

CURRENT JOB: Disney

118. Tom Anderson LAZOWSKA/LEVY Operating System Support

for High Performance

Multiprocessing

FIRST JOB: UC-Berkeley

CURRENT JOB: University of Washington

AUTUMN 1991

119. Simon Kahan ANDERSON/BEAME Real-Time Processing of

Moving Data

FIRST JOB: UBC, post-doc

CURRENT JOB: Tera

120. Jonathan Bertoni BAER Scaling Issues in

Multiprocessor Memory

Hierarchies

FIRST JOB: Japan

CURRENT JOB:

WINTER 1992

121. Charles Loop DEROSE Generalized B-spline

Surfaces of Arbitrary

Topology

FIRST JOB: Pacific Data Images CURRENT JOB: Microsoft Research

SPRING 1992

122. David (Pablo) Cohn LADNER Separating Formal Bounds

from Practical Performance

FIRST JOB: post-doc, MIT CURRENT JOB: Just Research

SUMMER 1992

123. Cliff Neuman LAZOWSKA The Virtual System Model:

A Scalable Approach to Organizing Large Systems

FIRST JOB: USC, Info Sciences Inst CURRENT JOB: USC, Info Sciences Inst

124. Changyun Park SHAW Predicting Deterministic

Execution Times of Real-Time Programs

FIRST JOB: Chung-Ang University

CURRENT JOB:

AUTUMN 1992

125. Greg Barnes RUZZO Time-Space Tradeoffs for

Graph s-t Connectivity

FIRST JOB: post-doc, Max-Planck Inst, Germany

CURRENT JOB: UW, C&C

126. Calvin Lin SNYDER The Portability of Parallel

Programs Across MIMD

Computers

FIRST JOB: post-doc, UW CURRENT JOB: U TX - Austin

127. Steve Mann DEROSE Surface Approximation Using

Geometric Hermite Patches

FIRST JOB: U Waterloo CURRENT JOB: U Waterloo

128. Joao Setubal ANDERSON, R. Implementations and

Variations of a Maximum

Flow Algorithm

FIRST JOB: U. Campinas, Brazil CURRENT JOB: U. Campinas, Brazil

129. Richard Zucker BAER Relaxed Consistency and

Synchronization in Parallel

Processors

FIRST JOB: Intel CURRENT JOB: Intel

130. Joan Lawry BEAME Communication Complexity: Iterative Techniques for

Lower Bounds

FIRST JOB: UBC, post-doc

CURRENT JOB: Tera

SPRING 1993

131. Molly Wilson BORNING Hierarchical Constraint

Logic Programming

FIRST JOB: CURRENT JOB:

SUMMER 1993

132. Tien-Fu Chen BAER Data Prefetching for

High-Performance Processors

FIRST JOB: Natl Chung Cheng U, Taiwan

CURRENT JOB: Natl Chung Cheng U, Taiwan

133. Kevin Bolding SNYDER Chaotic Routing - Designated

Implementation for Adaptive Multi-computer Network Router

FIRST JOB: post-doc, UW

CURRENT JOB: Seattle Pacific U

134. Edward Felten LAZ/ZAH Communication for

Data-Parallel Programs

FIRST JOB: Princeton CURRENT JOB: Princeton

135. Tod Amon BORRIELLO Specification, Simulation,

and Verification of Timing

Behavior

FIRST JOB: Southwest TX State U.

CURRENT JOB: Southern Utah U

AUTUMN 1993

136. J. Scott Penberthy WELD Planning With Continuous

Change

FIRST JOB: IBM T.J. Watson

CURRENT JOB: Director of Solutions, IBM

WINTER 1994

137. Martin Sirkin NOTKIN A Software System Generator

For Data Structures

FIRST JOB: IBM-Austin

CURRENT JOB: FirstChoice Software, Austin

SPRING 1994

138. Sitaram Raju SHAW Using Assertions For

Validating, Verifying And Monitoring Real-time Systems

FIRST JOB: Microsoft CURRENT JOB: Microsoft

139. Franz Amador WELD Self-Explanatory Simulation

For an Electronic Encyclopedia

FIRST JOB: GTE/Bothell
CURRENT JOB: Excite, Seattle

140. Hugues Hoppe DEROSE Surface Reconstruction From

Unorganized Points

FIRST JOB: Microsoft Research CURRENT JOB: Microsoft Research

141. Brian Lockyear EBELING Algorithms for Retiming

Level-Clocked Circuits and Their Use in Increasing

Circuit Robustness

FIRST JOB: Tera Computers CURRENT JOB: Synopsys

142. Chandu Thekkath LAZ/LEVY System Support for Efficient

Network Communication

FIRST JOB: DEC Sys Res Ctr, CA CURRENT JOB: DEC Sys Res Ctr, CA

SUMMER 1994

143. Robert Bedichek LAZ/LEVY The Meerkat Multi-Computer

Tradeoffs in Multi-Computer

Architecture

FIRST JOB: post-doc, MIT
CURRENT JOB: Transmeta

144. David Meyers DEROSE Reconstruction of

Surfaces From Planar Contours

FIRST JOB: temporarily wk for Golde

CURRENT JOB:

145. Kevin Sullivan NOTKIN Mediators: Easing the Design

and Evolution of Integrated

Systems

FIRST JOB: U Virginia CURRENT JOB: U Virginia

146. Michael Sannella BORNING Constraint Satisfaction

and Debugging for Interactive

User Interfaces

FIRST JOB: Bell Communications Research

CURRENT JOB: MathSoft

147. Alex Klaiber LEVY, H. Architectural Support for

FIRST JOB: IBM Almaden CURRENT JOB: IBM Almaden

AUTUMN 1994

148. Michael Rabinovich LAZOWSKA Efficient Replication

Management in Distributed

Systems

FIRST JOB: AT&T Bell Labs, Murray Hill

CURRENT JOB: AT&T Bell Labs

149. Michael Lounsbery DEROSE Multiresolution Analysis for

Surfaces of Arbitrary

Topological Type

FIRST JOB: Alias Wavefront Research CURRENT JOB: Alias Wavefront Research

150. Cathy McCann ZAHORJAN Processor Allocation Policies

for Message-passing Parallel

Computers

FIRST JOB: Tera Computers

CURRENT JOB: Tera

151. Becky Callison SHAW Time-Sensitive Objects

A Data-Oriented View of

Real-Time Systems

FIRST JOB: Oregon State University

CURRENT JOB: Boeing

152. Immaneni Ashok ZAHORJAN Runtime Support for Dynamic

Space-Based Applications on

Distributed Memory

Multiprocessors

FIRST JOB: Sonitech International, Wellesley, MA CURRENT JOB: Sonitech International, Wellesley, MA

WINTER 1995

153. Donald Chinn TOMPA Packet Routing in Multi-

Processor Networks

FIRST JOB: York University, Toronto

CURRENT JOB: Microsoft

154. Badr Al-badr HARALICK A Segmentation-Free Approach

to Text Recognition With Application to Arabic Text

FIRST JOB: Saudi Arabia CURRENT JOB: Saudi Arabia

155. Radhika Thekkath EGGERS

Design and Performance of Multithreaded Architectures

FIRST JOB: Stanford, post-doc

CURRENT JOB: MIPS

SPRING 1995

156. Tor Jeremiassen EGGERS Using Compile-Time Analysis

and Transformations to Reduce

Coherency Traffic on

Shared-Memory Multiprocessors

FIRST JOB: AT&T Bell Labs

CURRENT JOB: Lucent

SUMMER 1995

157. Per Christensen DEROSE/SALESIN Hierarchical Techniques for

Glossy Global Illumination

FIRST JOB: 6 mos. Army service, then work

CURRENT JOB:

158. Jeffrey Chase LAZ/LEVY An Operating System Structure

for Wide-Address Architectures

FIRST JOB: Duke University CURRENT JOB: Duke University

159. Rakesh Sinha BEAME Some Topics in Parallel

Computation and Branching

Programs

FIRST JOB: Florida International University

CURRENT JOB: Florida International University

AUTUMN 1995

160. Scott Hauck BORRIELLO/EBELING Multi-FPGA Systems

FIRST JOB: Northwestern CURRENT JOB: UW - EE

161. Elizabeth Walkup BORRIELLO Optimization of Linear

Max-Plus Systems With Application to Timing

Analysis

FIRST JOB: Intel

CURRENT JOB: Consystant, Seattle

162. Cecelia Buchanan ZAHORJAN Specifying Temporal Behavior

in Interactive Multimedia

FIRST JOB: Washington State University CURRENT JOB: Washington State University

163. Craig Anderson BAER Improving Performance of

Bus Based Multiprocessors

FIRST JOB: Apple Computer CURRENT JOB: Transmeta

164. Denise Draper HANKS Localized Partial Evaluation

of Belief Networks

FIRST JOB: Rockwell International Res Lab

CURRENT JOB: Nimble.com (Seattle)

165. Henrik Hulgaard BURNS Timing Analysis and

Verification of Timed

Asynchronous Circuits

FIRST JOB: Technical University, Denmark CURRENT JOB: Technical University, Denmark

166. Ji-hong Kim YONGMIN KIM Towards More Efficient

Domain-Specific Image Computing

FIRST JOB: Texas Instruments

CURRENT JOB:

SPRING 1996

167. George Winkenbach Computer-Generated SALESIN

Pen-And-Ink Illustration

FIRST JOB: Inklination

CURRENT JOB: Microsoft

168. David Keppel EGGERS Runtime Code Generation

FIRST JOB: Transmeta, CA CURRENT JOB: Transmeta, CA

Caches and Algorithms 169. Anthony LaMarca LADNER

> FIRST JOB: Xerox PARC CURRENT JOB: Yahoo

170. Mike Williamson HANKS A Value Directed Approach

to Planning

FIRST JOB: CMU, post-doc

CURRENT JOB:

SUMMER 1996

171. Jean Schweitzer Analysis and Application DEROSE

of Subdivision Surfaces

FIRST JOB: CURRENT JOB:

172. Shun-Tak Leung ZAHORJAN Array Restructuring for

Cache Locality

FIRST JOB: Digital, SRC

CURRENT JOB: Compaq (Digital)

173. Dean Tullsen EGGERS Simultaneous Multithreading

FIRST JOB: UC-San Diego CURRENT JOB: UC-San Diego

174. Gail Murphy NOTKIN Lightweight Structural

Summarization as an Aid to

Software Evolution

FIRST JOB: U British Columbia

CURRENT JOB: U British Columbia

175. Kingsum Chow NOTKIN Supporting Library Interface

Changes in Open System Software Evolution

FIRST JOB: Intel CURRENT JOB: Intel

176. Adam Finkelstein SALESIN Multiresolution Applications

in Computer Graphics: Curves,

Images and Video

FIRST JOB: Princeton CURRENT JOB: Princeton

AUTUMN 1996

177. George Forman ZAHORJAN Obtaining Responsiveness in

Resource-Variable Environments

FIRST JOB: Hewlett-Packard Labs CURRENT JOB: Hewlett-Packard Labs

178. James Ahrens TANIMOTO/SHAPIRO Scientific Experiment

Management with High-Performance

Distributed Computation

FIRST JOB: Los Alamos National Lab CURRENT JOB: Los Alamos National Lab

179. Jeff Dean CHAMBERS Whole-Program Optimization

of Object-Oriented Languages

FIRST JOB: DEC Western Research

CURRENT JOB: Google

180. Suzanne Bunton LADNER/BORRIELLO On Line Stochastic Processes

in Data Compression

FIRST JOB: UW Molecular Biotechnology Research, post-doc

CURRENT JOB: Microsoft Research

181. Dylan McNamee LAZOWSKA/LEVY Virtual Memory Alternatives

for Transaction Buffer

Management in a Single-Level

Store

FIRST JOB: Oregon Graduate Institute CURRENT JOB: Oregon Graduate Institute

182. Michael Feeley LEVY, H. Global Memory Management

for Workstation Networks

FIRST JOB: University of British Columbia CURRENT JOB: University of British Columbia

WINTER 1997

183. Neil McKenzie EBELING The Cranium Network Interface MERL - Mitsubishi Electric Architecture: Support for

Research Laboratory Message Passing on Adaptive

Packet Routing Networks

FIRST JOB: Mitsubishi Electric Research Laboratory

CURRENT JOB: Avici Systems

184. Yoshito Yamane NOTKIN Event Query Based Debugging

FIRST JOB: iCAT Corp, Seattle

CURRENT JOB:

SPRING 1997

185. Gus Lopez BORNING The Design and Implementation

of Kaleidoscope, A Constraint

Imperative Programming

Language

FIRST JOB: NorthWestNet, Bellevue

CURRENT JOB: Amazon

186. David Johnson TANIMOTO Enabling the Reuse of World

Wide Web Documents in Tutorials

FIRST JOB: US West CURRENT JOB: US West

187. Michael Salisbury SALESIN Image-Based Pen-and-Ink

Illustration

FIRST JOB: Xerox PARC CURRENT JOB: Yahoo

188. Ton Ngo SNYDER The Role of Performance

Models in Parallel

Programming and Languages

FIRST JOB: IBM T.J. Watson Lab CURRENT JOB: IBM T.J. Watson Lab

SUMMER 1997

189. Tracy Kimbrel KARLIN/TOMPA Parallel Prefetching and

Caching

FIRST JOB: IBM T.J. Watson Research Lab CURRENT JOB: IBM T.J. Watson Research Lab

190. Brendan Mumey RUZZO Cluster Finding, Clone

Overlap Detection, and DNA Probe-Location: Three Applied

Algorithmic Problems

FIRST JOB: Montana State U CURRENT JOB: Montana State U

191. Richard Segal ETZIONI Machine Learning as Massive

Search

FIRST JOB: IBM T.J. Watson Research Lab CURRENT JOB: IBM T.J. Watson Research Lab

192. Keith Golden WELD Planning Support for Softbots FIRST JOB: NASA-Ames Research Lab

CURRENT JOB: NASA-Ames Research Lab

193. Michael VanHilst NOTKIN Role Oriented Programming for Evolvable Software

> FIRST JOB: Hewlett-Packard Labs, Palo Alto CURRENT JOB: Hewlett-Packard Labs, Palo Alto

194. Juan Alemany KARLIN Data Placement Algorithms for News-on-Demand Servers

> FIRST JOB: Ipsilon Networks, CA CURRENT JOB: Ipsilon Networks, CA

195. Melanie Fulgham SNYDER Multicomputer Routing

Techniques

FIRST JOB: Quantum, Bay area CURRENT JOB: Network Alchemy

196. Nicholas Kushmerick WELD Wrapper Induction for Information Extraction

> FIRST JOB: Dublin City University CURRENT JOB: University College, Dublin

197. Xiaohan Qin BAER On the Use and Performance of Communication Primitives in Software Controlled

Cache-Coherent Cluster

FIRST JOB: IBM T.J. Watson Research Lab CURRENT JOB: IBM T.J. Watson Research Lab

198. Kari Pulli SHAPIRO Surface Reconstruction and

Display From Range and Color

Data

FIRST JOB: Post-doc, Stanford CURRENT JOB: Nokia, Finland

199. Anthony Barrett Network Planning WELD

> FIRST JOB: Jet Propulsion Lab CURRENT JOB: Jet Propulsion Lab

200. Soha Hassoun EBELING Architectural Retiming: A

Technique for Optimizing Latency-Constrained Circuits

FIRST JOB: Tufts University

CURRENT JOB: Tufts University

WINTER 1998

201. Neal Lesh ETZIONI Scalable and Adaptive Goal

Recognition

FIRST JOB: Mitsubishi Res Lab CURRENT JOB: Mitsubishi Res Lab

202. Ted Romer BERSHAD Using Virtual Memory to

Improve Cache and TLB Performance

FIRST JOB: H-P Labs

CURRENT JOB: Appliant (Seattle)

203. Lauren Bricker TANIMOTO Cooperatively Controlled

Objects in Support of

Collaboration

FIRST JOB: Mathsoft CURRENT JOB: MathSoft

SPRING 1998

204. Jack Lo EGGERS/LEVY,H. Exploiting Thread-Level

Parallelism on Simultaneous Multithreaded Processors: Hardware and Software Techniques for Effectively

Managing Shared Resources

FIRST JOB: Transmeta Corp CURRENT JOB: Transmeta Corp

204.5 Eric Stollnitz SALESIN Reproducing Color Images With Custom Inks (Ph.D. in

Applied Mathematics)

FIRST JOB: Alias | Wavefront CURRENT JOB: Alias | Wavefront

AUTUMN 1998

205. Jayram Thathachar Time-Space Tradeoffs BEAME

> and Functional Representations Via Branching Programs

and Their

Generalizations

FIRST JOB: IBM Yorktown CURRENT JOB: IBM Yorktown

206. David Grove CHAMBERS Effective Interprocedural

Optimization of

Object-Oriented Languages

FIRST JOB: IBM T.J. Watson CURRENT JOB: IBM T.J. Watson

207. Pai Chou Control Composition and BORRIELLO

Synthesis of Distributed Real-Time Embedded Systems

FIRST JOB: UC-Irvine CURRENT JOB: UC-Irvine

WINTER 1999

208. Andrew Berman SHAPIRO Efficient Content-Based

Retrieval of Images Using Triangle-Inequality-Based Algorithms

FIRST JOB: Query Plus, NJ CURRENT JOB: Query Plus, NJ

209. Sung-Eun Choi SNYDER Machine Independent

Communication Optimizations

FIRST JOB: Los Alamos Nat'l Lab CURRENT JOB: Los Alamos Nat'l Lab

SPRING 1999

210. Darren Cronquist EBELING Reconfigurable Pipelined

Datapaths

FIRST JOB: Hewlett-Packard Labs CURRENT JOB: Hewlett-Packard Labs

211. Dennis Lee BAER Execution Characteristics

and Optimization of Modern Commercial Applications

FIRST JOB: Amazon

CURRENT JOB: Amazon

212. Erik Selberg ETZIONI Towards Comprehensive

Web Search

FIRST JOB: Go2Net, Seattle CURRENT JOB: Go2Net, Seattle

SUMMER 1999

213. Rex Jakobovits BRINKLEY The Web Interfacing

Repository Manager:

A Framework for Developing

Web-Based Experiment Management Systems

FIRST JOB: start-up CURRENT JOB: start-up

214. Fred Pighin SALESIN Modeling and Animating

Realistic Faces From

Images

FIRST JOB: Canon, Japan CURRENT JOB: Canon, Japan

215. Derrick Weathersby SNYDER Machine-Independent

Compiler Optimizations

for Collective Communication

FIRST JOB: Metris, Chicago CURRENT JOB: Metris, Chicago

216. Oren Zamir ETZIONI Clustering Web Documents:
A Phrase-Based Method for
Grouping Search Engine Results

FIRST JOB: Chatscan (a startup in Israel)

CURRENT JOB: Chatscan

217. Marc Friedman WELD/LEVY, A. Optimization for Data Integration

FIRST JOB: Viathan Corp, Seattle CURRENT JOB: Viathan Corp, Seattle

218. Woon Chung William Chan ANDERSON, R./BEAME/NOTKIN

Symbolic Model Checking for Large

Software Specifications

FIRST JOB: Brown University [deceased]

219. Thu Nguyen ZAHORJAN System Support for

Distributed 3D Real-Time

Rendering

FIRST JOB: Rutgers
CURRENT JOB: Rutgers