

# Author Index

Abba, Andrea - 298  
Adouko, Georges - 90  
Agron, Jason - 49  
Ahmad, Balal - 169  
Ahmadinia, Ali - 169  
Akoglu, Ali - 159 , 273  
Amano, Hideharu - 208 , 215  
Anderson, Erik - 104  
Andrews, David - 49  
Arslan, Tughrul - 169  
Athanas, Peter - 57  
Baker, Zachary - 238  
Balachandran, Arjun - 231  
Bao, Paul - 252  
Barnes, Robert - 281  
Benkrid, Khaled - 285  
Block, Gary - 277  
Bohner, Shawn - 57  
Bollman, Dorothy - 111  
Box, Brian - 76 , 129  
Caffrey, Michael - 139 , 153  
Cavin, Ralph - 321  
Charot, François - 90  
Cieslewski, Grzegorz - 146  
Conger, Chris - 122  
Dandass, Yoginder - 184  
Dasu, Aravind - 281  
Delgado-Frias, Jose - 311  
DeMara, Ronald - 269  
Döhre, Sven - 35  
Eddington, Chris - 79  
Ejnioui, Abdel - 252  
El-Ghazawi, Tarek - 191  
Erdogan, Ahmet - 169  
Ferrer, Edgar - 111  
French, Matthew - 104  
Galatsis, Kosmos - 321  
George, Alan - 122 , 231  
George, Alan D. - 146  
Geraci, Angelo - 298  
Gibelyou, Derrick - 153  
González Bravo, Angel Luis - 307  
Gonzalez, Angel Luis - 317 , 319  
Gonzalez, Ivan - 191  
Gordon-Ross, Ann - 122  
Graham, Paul - 139 , 153  
Guccione, Steven - 3  
Hansen, Esben Rosenlund - 97

Happe, Markus - 35  
Hariyama, Masanori - 201 , 309  
Hasegawa, Yohei - 215  
Hassoun, Joseph - 76 , 129  
Holland, Brian - 231  
Holland, Wesley - 184  
Hoseini, Mariam - 305  
Huang, Jian - 269  
Huang, Miaoqing - 191  
Huffmire, Ted - 334  
Hutchings, Brad - 57  
Idobata, Noriaki - 309  
Ishihara, Shota - 309  
Jacobs, Adam - 146  
Josiah, Jeff - 273  
Kameyama, Michitaka - 201 , 309  
Kang, Dong-In - 104  
Kastner, Ryan - 334  
Kato, Masaru - 215  
Kaufmann, Paul - 245  
Kelem, Steve - 76  
Kelemjoseph, Steve - 129  
Kenter, Tobias - 35  
Kobayashi, Fuminori - 222  
Kokkeler, Andre - 293  
Krone, Jim - 139  
Lala, Parag - 29  
Lee, Jooheung - 269 , 313  
Leeming, Gregory - 321  
Liu, Yidong - 313  
Lloyd, Scott - 259  
Lopez-Buedo, Sergio - 191  
Lorenz, Ulf - 35  
Lou, Yungling - 277  
Lubbers, Enno - 83  
Lübbers, Enno - 245  
Madsen, Jan - 97  
Manenti, Antonio - 298  
Manh Tuan, Vu - 208  
Mecha López, Hortensia - 307  
Mecha, Hortensia - 317 , 319  
Medidi, Sirisha - 311  
Meiche, Robert - 245  
Morgan, Keith - 139 , 153  
Morikawa, Yasuyuki - 222  
Mozos Muñoz, Daniel - 307  
Mozos, Daniel - 317 , 319  
Nagarajan, Karthik - 231  
Nakajima, Mao - 289  
Nelson, Brent - 57  
Pai, Arjun - 285  
Parris, Matthew - 269

Pavicic, Mark - 305  
Phillips, Chris - 76 , 129  
Pingree, Paula - 277  
Platzner, Marco - 35 , 83 , 245  
Plessl, Christian - 245  
Plunkett, Bob - 76 , 129  
Pottier, Bernard - 67  
Pratt, Brian - 153  
Quinn, Heather - 139  
Reardon, Casey - 146  
Román Navarro, Sara - 307  
Sanchez, Laura - 317  
Santhanam, Srinivasan - 313  
Schumacher, Tobias - 35 , 245  
Send, Andre - 35  
Septién del Castillo, Julio - 307  
Septien, Julio - 317 , 319  
Shih, Kuei-Tsung - 231  
Slatton, Clint - 231  
Smit, Gerard - 293  
Smith, Gavin - 346  
Snell, Quinn - 259  
Sreeramareddy, Adarsha - 273  
Suardi, Andrea - 298  
Tang, Wai-Chung - 116  
Trahan, Jerry - 15  
Tripp, Justin - 238  
Valero, Jose Antonio - 319  
Van Dyken, Jason - 311  
Vanderbauwhede, Wim - 176  
Venishetti, Sandeep - 159  
Waidyasooriya, Hasitha - 201  
Walters, Karel - 293  
Warkentin, Alexander - 35  
Wasson, Stephen - 76 , 129  
Watanabe, Minoru - 222 , 289  
Watson, John - 76  
Wigley, Grant - 346  
Wirthlin, Michael - 57 , 139 , 153  
Wolinski, Christophe - 90  
Wu, Kehuai - 97  
Wu, Yu-Liang - 116  
You, Chao - 305  
Zhang, Qiwei - 293  
Zhirnov, Victor - 321  
Zhou, Catherine L. - 116





Data Mining  
Predictive Analytics

## Pure Predictive POWER

Salford Systems is pleased to announce **Professional Extended** editions of our award-winning software. These powerhouse products are packed with new features and upgrades that will help analysts work more rapidly and effectively. Highlights of CART® 6.0 ProEX include:

- New tree controls: Forced splits & Structured Trees™
- Automated collections of models to determine the best-performing control parameters
- HotspotDetector™ to find ultra-high performance segments
- Automated predictor list refinement
- Train/test consistency assessment to identify robust trees

### Just Released

CART® 6.0 ProEX

### Coming Soon

TreeNet® 2.0 ProEX

MARS® 3.0 ProEX

*Stop by our booth for your free 30-day trial!*

 **SALFORD SYSTEMS**

4740 Murphy Canyon Rd Suite 200, San Diego, CA 92123 USA 619.543.8880 phone 619.543.8888 fax

[www.salford-systems.com/dmin](http://www.salford-systems.com/dmin)

*In appreciation, we would like to thank and acknowledge our sponsors for the help and support they generously provided to WORLDCOMP'08 Congress.*

### **Academic/Technical Co-Sponsors**

- *Computational Biology and Functional Genomics Laboratory, Harvard University, USA; <http://compbio.dfci.harvard.edu/>*
- *International Society of Intelligent Biological Medicine; <http://www.isibm.org/>*
- *Horvath Laboratory, University of California, Los Angeles (UCLA), USA; <http://www.genetics.ucla.edu/labs/horvath/CoexpressionNetwork/>*
- *Minnesota Supercomputing Institute, University of Minnesota, USA; <http://www.msi.umn.edu/>*
- *Functional Genomics Laboratory, University of Illinois at Urbana-Champaign, USA; <http://bioinformatics.bioen.uiuc.edu/>*
- *BioMedical Informatics & Bio-Imaging Laboratory, Georgia Institute of Technology and Emory University, Georgia, USA; <http://www.bio-miblab.org/>*
- *Intelligent Data Exploration and Analysis Laboratory, University of Texas at Austin, Texas, USA; <http://www.ideal.ece.utexas.edu/>*
- *Biomedical Cybernetics Laboratory, HST of Harvard University and MIT, USA; <http://bcl.med.harvard.edu/>*
- *Center for the Bioinformatics and Computational Genomics, Georgia Institute of Technology, Atlanta, Georgia, USA; <http://opal.biology.gatech.edu/GeneMark/>*
- *Harvard Statistical Genomics & Computational Lab., Harvard University, USA;*
- *Bioinformatics & Computational Biology Program George Mason University, USA; <http://www.binf.gmu.edu/index.html>*
- *Hawkeye Radiology Informatics, Department of Radiology, College of Medicine, University of Iowa, USA; <http://www.uiowa.edu/~hri/>*
- *Medical Image HPC & Informatics Lab (MiHi Lab), University of Iowa, USA; <http://www.uiowa.edu/mihpclub/>*
- *The University of North Dakota, Grand Forks, USA; <http://www.und.edu>*
- *PSU - Prince Sultan University, Saudi Arabia; <http://www.psu.edu.sa>*
- *Institute for Informatics Problems of Russian Academy of Sciences, Russia;*
- *NEMO/European Union at Institute of Discrete Mathematics and Geometry, TU Vienna; <http://www.dmg.tuwien.ac.at/>*

### Corporate Co-Sponsors

- Google, Inc.; <http://www.google.com/intl/en/about.html>
- Salford Systems; <http://www.salford-systems.com>
- Synplicity, Inc.; <http://www.synplicity.com>
- NIIT Technologies; <http://www.niit-tech.com/>



Synplicity®

Simply Better Results

### Other Co-Sponsors

- High Performance Computing for Nanotechnology (HPCNano); <http://www.hpcnano.org>
- International Technology Institute (ITI); <http://www.iteworld.org/>
- GridToday; [www.gridtoday.com](http://www.gridtoday.com)
- HPCwire; [www.hpcwire.com](http://www.hpcwire.com)
- Hodges' Health (H2CM), UK; <http://www.p-jones.demon.co.uk>



