

Editor Profile, December 2004

Ivan Stojmenovic – Editor of *International Journal of Parallel, Emergent and Distributed Systems* (formerly *Parallel Algorithms and Applications*)

Ivan Stojmenovic has recently been appointed Editor-in-Chief of the [International Journal of Parallel, Emergent and Distributed Systems](#) (formerly published under the title *Parallel Algorithms and Applications*), after a number of years as Associate Editor for the Journal.

Ivan received his PhD in Mathematics in 1985 and has held regular or visiting positions in Serbia (Institute of Mathematics, University of Novi Sad, 1980-1987), Japan (Electrotechnical Laboratory, Tsukuba, 1985/86), USA (Washington State University, Pullman, WA, and University of Miami, FL, 1987/88), Canada (University of Ottawa, since 1988), France (Amiens 1998, Lille 2002, 2003) and Mexico (DISCA, IIMAS, Universidad Nacional Autonoma de Mexico, 2000/02). He is currently Professor of Computer Science at the [School of Information Technology and Engineering](#) at the [University of Ottawa](#) in Canada.



Ivan has published over 200 different papers in referred journals and conference proceedings, edited 'Handbook of Wireless Networks and Mobile Computing' (Wiley, 2002), and co-edited 'Mobile Ad Hoc Networking' (IEEE Press, 2004). His past research interests include parallel computing, multiple-valued logic, evolutionary computing, neural networks, combinatorial algorithms, computational geometry, graph theory, computational chemistry, image processing, programming languages, and computer science education. His current research interests include wireless ad hoc, sensor and cellular networks.

One of his articles, on the subject of broadcasting in ad hoc wireless networks, was recognized as a Fast Breaking Paper in October 2003 by [Thomson ISI Essential Science Indicators](#). His article on localized broadcasting with directional antennas received the Best Paper Award at the 9th IFIP International Conference on Personal Wireless Communications in September 2004 in Delft, The Netherlands. In his role as Director of the Ottawa-Carleton Institute for Computer Science (2002-2004) he wrote an article entitled 'Advice for writing theses and papers' containing guidelines for presenting research results.

In addition to his role as Editor-in-Chief for *International Journal of Parallel, Emergent and Distributed Systems*, Ivan is currently Managing Editor for the *Journal of Multiple-Valued Logic and Soft Computing* (he received a Certificate of Appreciation from the IEEE Computer Society in 2002 for establishing and maintaining the journal), and is an editorial board member for several other journals, including *IEEE Transactions on Parallel and Distributed Systems*, *Parallel Processing Letters*, *International Journal of High Performance Computing and Networking*

(IJHPCN), *International Journal of Wireless and Mobile Computing* (IJWMC), and [International Journal of Distributed Sensor Networks](#) (IJDSN; Taylor and Francis).

Ivan has acted as a Guest Editor for special issues in several different journals, including *IEEE Computer Magazine*, *IEEE Networks*, *Wireless Communications and Mobile Computing*, *Telecommunication Systems*, *Cluster Computing*, and *International Journal of Foundations of Computer Science*. He has also actively participated in numerous conferences and workshops, notably as program vice-chair at IEEE MASS, program co-chair at IFIP WONS and workshop co-chair at IEEE ICDCS 2003-2005; IEEE ICDCS 2003; HICSS, 2000, 2002, 2003; ICPDS, Taiwan, 2002; ICPP, Toronto, 2000 and SSGRR, Italy, 2002.

For further information about Ivan Stojmenovic and his work, please visit his [homepage](#).