Ivan Stojmenovic Short biography (December 2012)

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Ivan Stojmenovic received his Ph.D. degree in mathematics in 1985. He earned a third degree prize at the International Mathematics Olympiad for high school students in 1976. He is Full Professor at the University of Ottawa, Canada. He also held regular or visiting positions in Serbia, Japan, USA, France, Spain, Brazil, Hong Kong, Taiwan, China (Distinguished Professor, Tsinghua University in Beijing and Dalian University of Technology, 2010-2), UK (Chair in Applied Computing, EECE, University of Birmingham, 2007/8).

Stojmenovic is Fellow of the IEEE (Communications Society, class 2008), and Canadian Academy of Engineering (since 2012), and Member of the Academia Europaea (The Academy of Europe), from 2012 (section: Informatics). He was IEEE CS Distinguished Visitor 2010-11. He received 2012 Distinguished Service Award from IEEE ComSoc Communications Software TC. He was cited >13000 times. His h-index is 56 (he is among 250 computer scientists with h≥50; top h-index in Canada for mathematics and statistics). ESI Special Topics listed him #3 in papers, #9 in cites/paper, and #20 in total cites among all authors Wireless/Mobile Networks 1995-2005. One of his articles, on broadcasting in ad hoc wireless networks, was recognized as the Fast Breaking Paper, for October 2003 (as the only one for all of computer science), by *Thomson ISI Essential Science Indicators* http://esi-topics.com/fbp/fbp-october2003.html. Google Scholar lists him as the top researcher in parallel and distributed systems by citations, and among the top ten in two more fields: wireless networks and algorithms. He received four best paper awards at conferences (IFIP PWC 2004, SENSORCOMM 2008, CSA 2009, ICA3PP 2011) and Excellence in Research Award of the University of Ottawa for 2009. He presented a number of tutorials and invited talks. He is Tsinghua 1000 Plan Distinguished Professor (2012-5). He is recipient of the Royal Society Research Merit Award, UK, 2007-8.

He published >300 different papers in referred journals and conferences; >40 are in IEEE or ACM journals. He co-authored 'Wireless Sensor and Actuator Networks' (Wiley, 2010), and (co)edited five books with Wiley: 'Handbook of Wireless Networks and Mobile Computing' (2002), 'Mobile Ad Hoc Networking' (IEEE/Wiley, 2004), 'Handbook of Sensor Networks'(2005), 'Handbook of Applied Algorithms' (2008), 'RFID Systems' (2010). He co-authored over 40 book chapters. He collaborated with >100 co-authors with Ph.D. and a number of their graduate students from 25 different countries. He (co)supervised >60 graduate students. His current research interests are mainly in wireless ad hoc, sensor, vehicular, actuator and robot networks. His research interests also include security, 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. Stojmenovic received (as PI or co-PI) about 30 grants from Serbia, Canada, Mexico, China, USA, UK, Japan and EU, including four NSERC Collaborative Research Development and/or Strategic Grants. He was Director of the Ottawa-Carleton Institute for Computer Science (2002-2004).

He is editor-in-chief of *IEEE Transactions on Parallel and Distributed Systems* (2010-2013), *Journal of Multiple-Valued Logic and Soft Computing* (received Certificate of Appreciation from IEEE Computer Society in 2002 for establishing and maintaining the journal), *International Journal of Parallel, Emergent and Distributed Systems* (T& F), and *Ad Hoc & Sensor Wireless Networks* (OCP), and editor of several journals including IEEE Network and ACM Wireless Networks. He recently guest edited special issues in several journals including IEEE TAC, IEEE JSAC, IEEE TPDS, IEEE Computer Magazine, IEEE Networks, IJDSN, Wireless Communications and Mobile Computing, Ad Hoc Networks.

Stojmenovic founded several workshops: WWASN at IEEE ICDCS, WiSARN at IEEE WoWMoM, IEEE/ACM CPSCom, IEEE MASS and IEEE INFOCOM, FOWANC at ACM MOBIHOC, LOCAN at IEEE MASS and MSN, LOCALGOS at IEEE DCOSS, and organized several research workshops. He is/was program chair for >30 events, including conferences FCST 2010, AdHocNow 2008, IEEE PIMRC 2008, EUC 05,08,09,10, IEEE AINA-07, IEEE MASS-04, and -07, InterSense-06, WONS-05, MSN-05 and -06, ISPA-05 and -07, and workshops at IEEE ICDCS 2003-07; IEEE LCN-05-06, HICSS, 2000, 2002, 2003; ICPDS-02; ICPP-00. He was also general co-chair, organizer, steering committee member, advisor, award, or workshop chair for ≈60 events since 2002, including IEEE ICDCS, IEEE INFOCOM, IEEE MASS, IEEE DCOSS, ACM Mobicom/Mobihoc, IEEE ICPADS, IEEE IPDPS, IFIP WMNC, IFIP WSAN, IFIP PWC. Stojmenovic served as member of >200 program committees.