Dr. Petre Dini

Dr. Petre Dini is now responsible of scientific aspects for IARIA (www.iaria.org) and has international cooperation with Europe/USA/Asia corporations. He was a Senior Technical Leader and Principal Architect with Cisco Systems, Inc., from where he retired in September 2009; he was responsible for policy-based strategic architectures and protocols for network management, QoS, SLA, and Performance, Programmable Networks and Services, Provisioning under QoS constraints, Wireless Networks and Protocols, and Consistent Service Manageability. His applied industrial research interests include instrumentation software agents, performance, scalability, autonomic computing, wireless and mobile networks, adaptive networks, and policy-related issues in adaptable networks. Until 1990 he worked as a project director on the development of various industrial applications including CAD/CAM, nuclear plant monitoring, and real-time embedded software.

From 1991 he has been involved in various Canadian projects related to object-oriented management applications for distributed systems, and to broadband services in multimedia applications, until early 1996. In 1996 he joined Computer Science Research Institute of Montreal and coordinated many projects on distributed software and management architectures. In this period he was an Adjunct Professor with McGill University, Montreal, Canada, and a Canadian representative in the European projects. Since 1998 he was with AT&T Labs, as a senior technical manager, focusing on distributed QoS, SLA, and Performance in content delivery services. He was the Chair of Policy-Based Management Work Group in Tele Management Forum, a Rapporteur for ITU-T/SG4, and actively involved in IEEE industrial initiatives. He has been an invited speaker to many international conferences, a tutorial lecturer, chaired several international conferences, and published many technical papers. His technical and research publications are in the domains of policy-based automation of system management, system reconfiguration under QoS constraints, service interactions, pricing QoS mechanisms, mobile agents, and adaptable, programmable and active networks.

Petre received his M.Eng. from Polytechnic Institute of Timisoara, Romania, in Computer Engineering, and a Ph.D. in Computer Science from University of Montreal, Canada.

Notable awards, responsibilities, and research activities:

Petre was with Computer Research Institute of Montreal, Canada, AT&T Labs, USA and Cisco Systems, Inc., USA, from where he retired in 2009.

He was affiliated as a Full Professor at Concordia University, Montreal, Canada. for more than 15 years. He fully retired in May 2016.

He was 5 years, one-term Adjunct Full Professor at China Space Agency Center, Beijing, China.

Petre chaired the Policy-Based Management Work Group in Tele Management Forum, was the Rapporteur for ITU-T/SG4, and was actively involved in IEEE industrial initiatives (emerging technologies).

He had more than 25 Master and PhD students, and supervised dozens of Interns Students at AT&T (Stanford University) and Cisco Systems Inc. (Berkeley University).

Petre has about 20 USA patents; see http://patents.justia.com/inventor/petre-dini

Petre has more than 80 peer-reviewed papers in journals/conferences and edited over 30 conference proceedings.

He was a keynote speaker, tutorial speaker, and panelist at many international events.

Petre is currently volunteering as a scientific program coordinator for IARIA (www.iaria.org)

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