



Radostin A. Pachamanov, Ph.D.

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Professional Experience

- Elysium Digital, LLC, a subsidiary of Aon Corporation, Manager, 2019 – Present
- Stroz Friedberg, LLC, Manager, 2017 – 2019
- Stroz Friedberg, LLC, Senior Consultant, 2015 – 2017
- Elysium Digital, LLC, Computer Scientist, 2013 – 2015
- Ericsson, Account Manager, 2011 – 2013
- Ericsson, Solution Architect, TV & Media Management, 2010 – 2011
- Ericsson, Solution Architect, Business Segment Multimedia – Billing, Fulfillment, Assurance, 2008 – 2010

Education

- Ph.D., Telecommunications Engineering, Technical University of Sofia (Bulgaria), 2008
- B.Sc., Eng., Telecommunications Networks with honors, Technical University of Sofia (Bulgaria), 2002

Certifications

- IEEE Wireless Communications Professional, 2017

Publications

- "Traffic Efficiency Enhancement of Cellular Structures in Mobile Networks." Radostin Pachamanov, Ph.D. Dissertation, Technical University of Sofia, 2008
- "Resource Planning for Voice over Wireless Both-Way Transmission Media." R. Pachamanov, B. Tsankov, and D. Pachamanova. *Radioengineering Journal* 17 no. 1 (2008): 78-81.
- "Optimal Resource Allocation in WiMAX." R. Pachamanov, D. Pachamanova, and B. Tsankov. *Electrotechnica & Electronica* 43 no. 1-2 (2008): 41-47.
- "Modified Brady Voice Traffic Model for WLAN and WMAN." R. Pachamanov, B. Tsankov, and D. Pachamanova. *Electronics Letters* 43 no. 23 (2007): 1295-1297. doi:10.1049/el:20072425

- "A Model for WiMAX Simulation." Radostin Pachamanov. In *Proc. National Conference with International Participation Telecom*, October 2007.
- Co-authored "An Optimization-Based Connection Admission Control Method for IEEE 802.16 Wireless Networks." In *Proc. IEEE Africon*, September 2007.
- Co-authored "Throughput and Fairness in IEEE 802.16 Broadband Wireless Networks." In *Proc. International Scientific Conference on Information, Communication and Energy Systems and Technologies (ICEST)*, June 2007.
- Co-authored "Analytical Performance Evaluation of WiMAX." In *Proc. National Conference with International Participation Telecom*, October 2007.
- Co-authored "Priority Traffic Management in IP Networks." In *Proc. National Conference with International Participation Telecom*, October 2004.
- Co-authored "Umbrella-Cell in Cellular Networks: Traffic Efficiency Analysis." In *Proc. National Conference with International Participation Telecom*, October 2003.

Testimony

- *Sierra Wireless, Inc. et al v. Koninklijke KPN NV*
United States Patent and Trademark Office, Patent Trial and Appeal Board, Case No. 2018-00320
Was deposed on behalf of Koninklijke KPN N.V. (represented by Hamilton Brook Smith & Reynolds) in a patent matter involving telecommunications technology, 2018.