



Congzhou Zhou, Ph.D.

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Overview

Congzhou Zhou, Ph.D., concentrates his practice on patent prosecution, and his areas of expertise include telecommunications, computer network applications, software, and database technologies. His doctoral study focused on wireless communications and networking.

Congzhou has co-authored 10 publications relating to electrical engineering/telecommunications, and he is a named inventor on U.S. Patent 8,023,412, Systems and Methods for Modeling a Mobile Ad Hoc Wireless Network, issued September 20, 2011.

Additional insights

Publications

- Congzhou Zhou and N. F. Maxemchuk, "Distributed Bottleneck Flow Control in Mobile Ad Hoc Networks," *Network Protocols and Algorithms* 3(1) 22-45 (March 2011)
 - Congzhou Zhou and N. F. Maxemchuk, "Scalable Max-Min Fairness in Wireless Ad Hoc Networks," *Ad Hoc Networks* 9(2) 112-119 (March 2011)
 - Congzhou Zhou and N. F. Maxemchuk, "Bandwidth Balancing in Mobile Ad Hoc Networks," *IEEE WiMob* (October 2010)
 - Congzhou Zhou and N. F. Maxemchuk, "Applying a Macro Model of Ad Hoc Networks to Access Control," *Seventh International Conference on Networking (ICN 2008)* (April 2008)
 - N. F. Maxemchuk and Congzhou Zhou, "A Macro Model of Frequently Changing Mobile Networks to Perform Flow and Access Control," *Mobile Networks and Applications* 11(5) 649-659 (October 2006)
 - Bhaskar Krishnamachari, Congzhou Zhou, and Baharak Shademan, "Self Optimization in Sensor Networks," *Advances in Pervasive Computing and Networking* (2004)
 - Congzhou Zhou and Bhaskar Krishnamachari, "Localized Topology Generation Mechanisms for Self-Configuring Sensor Networks," *IEEE Globecom* (December 2003)
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Services

Patent

Patent Prosecution

Industries

Electrical & Computer Technology

Software & Internet

Telecommunications

5G

Admissions

U.S. Patent and Trademark Office (2014)

Languages

English

Mandarin Chinese

Education

Ph.D., Electrical Engineering, Columbia University (2010)

M.Phil., Electrical Engineering, Columbia University (2008)

M.S., Electrical Engineering, University of Southern California (2002)

B.S., Electrical Engineering, Northwestern Polytechnical University (1998)