

**ASWN 2004 PANEL on Tuesday the 10th of August**

**"Advances in Wireless Networks, Applications and Services :  
Current Status, Future Trends and Challenges"**

**Ambient Service Space**

Dr. Stefan Arbanowski, Fraunhofer FOKUS, Berlin, Germany

**Pervasive Computing**

Dr. Dimitris N. Kalofonos, Nokia Research, Burlington, MA

**Quality of service issues for both sensor and real-time ad hoc network applications**

Dr. Wendi B. Heinzelman, University of Rochester, Rochester, NY

**Challenges in modeling and analyzing "variable topology networks."**

Dr. Hussein Abouzeid, Rensselaer Polytechnic Institute, Troy, NY

**Energy efficient middleware design in support of user privacy**

Dr. Peter Langendoerfer, IHP, Frankfurt, Germany

Followed by debate and discussions lasting around 1/2 hour

## Additional data on Panel Members and Organization

---

### **Dimitris N. Kalofonos, Ph.D.**

Senior Research Engineer at the Communication Systems Laboratory of [Nokia Research Center](#), Burlington, MA.

Communication Systems Laboratory

Nokia Research Center

5 Wayside Rd, Burlington, MA 01803

Phone : +1-781-993-3631

Fax : +1-781-993-1907

Mobile: +1-617-852-4761

E-mail: [dimitris.kalofonos@nokia.com](mailto:dimitris.kalofonos@nokia.com)

---

### **Dr. Stefan Arbanowski** - [arbanowski@fokus.fraunhofer.de](mailto:arbanowski@fokus.fraunhofer.de)

Head of Competence Center OKS

Fraunhofer FOKUS - Research Institute for Open Communication Systems

Kaiserin-Augusta-Allee 31, 10589 Berlin, Germany

Phone : +49.30.34 63 71 97 WWW: <http://www.fokus.fraunhofer.de>

Fax: +49.30 34 63 81 97

---

### **Dr. Wendi B. Heinzelman**, University of Rochester, Rochester, NY

Assistant Professor of Electrical and Computer Engineering

University of Rochester

P.O. Box 270126, Hopeman Building, Room 307

Rochester, NY 14627-0126

Phone: 585-275-4053

Fax: 585-273-4919

<http://www.ece.rochester.edu/~wheinzel>

---

### **Dr. Hussein Abouzeid**, Rensselaer Polytechnic Institute

Assistant Professor, Electrical, Computer and Systems Engineering Dept.

Rensselaer Polytechnic Institute

Troy, New York 12180-3590

Office: Room 6038, Jonsson Engineering Center

Tel: (518) 276-6534 Fax: (518) 276-4403

E - Mail: [abouzeid@ecse.rpi.edu](mailto:abouzeid@ecse.rpi.edu)

Interests : Challenges in modeling and analyzing "variable topology networks." behaviors and performance. Addressed from the standpoint of topology and performance analysis for extremely large networks such as sensor networks, Ad Hoc networks and peer to peer networks.

---

### **Dr. Peter Langendoerfer**, IHM, Germany

Im Technologiepark 25

15236, Frankfurt, Germany

[langendoerfer@ihp-microelectronics.com](mailto:langendoerfer@ihp-microelectronics.com)

<http://www.ihp-microelectronics.com>

---

### **Panel Organized by Djamal Zeghlache**, Professor, INT-GET, Evry, France

Djamal ZEGHLACHE, Professor

Wireless Networks and Services Group