

## **University of Calgary researcher joins iCORE Wireless Communications Laboratory**

(November 17, 2003) — The iCORE Wireless Communications Laboratory based at the University of Alberta in Edmonton is expanding to include a researcher at the University of Calgary as part of the core professoriate, iCORE Chair and laboratory director Dr Norman Beaulieu announced today.

Professor Abraham Fapojuwo is joining Dr Beaulieu, principal researchers Witold Krzymien and Ivan Fair, and iCORE research associates Chintha Tellambura and Xiaodai Dong on the research team. Dr. Fapojuwo brings additional wireless networks expertise to a world-class physical layer wireless research cluster.

In addition to appointment of Professor Fapojuwo, the iCORE Wireless Communications Laboratory is funding one graduate student based at the University of Calgary and one graduate student based at the University of Alberta in collaborative research under this initiative, the former under the supervision of Professor Fapojuwo and the latter under the co-supervision of Professors Fapojuwo and Beaulieu.

This cross-university clustering is expected to seed further collaborations between the Edmonton and Calgary units.

### **Biographical background: Dr Abraham Fapojuwo**

Abraham Fapojuwo received his PhD degree from the University of Calgary in 1989. Abraham's experience and expertise are in the areas of wireless networks and computer communications networks including the design, performance evaluation, and analysis of network architectures and protocols. He is the author of more than 30 peer-reviewed publications and numerous proprietary reports on these topics. While engaged in full-time industry practice from 1990 to 2001, he has made significant contributions in the industrial design, research and development of wireless cellular networking products, addressing the system-level performance engineering issues including capacity, memory and network reliability. He has proposed product performance enhancement mechanisms and strategies, some of which have been implemented in Nortel Networks' wireless products with successful field trials and network deployment, and have also resulted in patents (three granted and one pending). In January 2002, he joined the Department of Electrical and Computer Engineering, University of Calgary, as an Associate Professor. He also serves as a Research Scientist at TRILabs, Calgary. His current research focus is on radio resource management, quality of service and inter-networking aspects of wireless personal, local and wide area networks. He also conducts research in the area of telecommunications software reliability and requirements engineering. He teaches courses on wireless networking and systems, radio resource management, telecommunications and computer communications. He leads a wireless networking research group consisting of two PhD and eleven MSc/MEng students. Abraham is a Senior Member of the IEEE and a registered Professional Engineer in the Province of Alberta.