

A new node at ÉTS



ÉTS joins SYTACom!

Pursuing its mandate of fostering collaborations in telecommunications research, SYTACom is expanding its membership once again!

The SYTACom Executive Council has formally approved the creation of a new institutional node at École de Technologie Supérieure (ÉTS). This new addition complements the core of four founding institutional nodes at Concordia University, INRS-EMT, Université Laval and McGill University. ÉTS is renowned for its strong links to industry both in teaching and research, an orientation which aligns very well with SYTACom's profile.

The new node at ÉTS will start from a core of three members, along with their research teams of more than 30 graduate students, research professionals and postdoctoral fellows.

Prof. Zbigniew Dziong is an expert in the area of communication networks, including performance, protocol, architecture, and resource management in next generation optical, IP, ATM and wireless networks. Before joining ÉTS, he was a member of technical staff at Bell Labs, and a professor at INRS. He has well established research cooperation with several SYTACom members in multidisciplinary areas such as overlay networks for Voice over IP or cognitive mesh networks for multimedia services.

Prof. Gagnon received the B.Eng. and Ph.D. degrees in electrical engineering from École Polytechnique de Montréal. Since 1991, he has been a Professor in the Department of Electrical Engineering, École de technologie supérieure. He is now the holder of the Ultra Electronics (TCS) Chair in Wireless Communication in the same university. His research interest covers wireless high speed communications, modulation, coding, high speed DSP implementations and military point to point communications. He has been very involved in the creation of the new generation of High Capacity Line Of Sight military radios offered by the Canadian Marconi Corporation, which is now Ultra Electronics Tactical Communication Systems. He has also been involved in defining programmable radios with Harris, Nortel and Bell. He is a Senior Member of IEEE. His prominent position in the Montreal research community has led him to develop collaborations



with many SYTACom members, across institutions, and to play a leadership role in many large scale research projects.

Prof. Christine Tremblay has extensive experience in management and research and development in industry, with companies such as EXFO, Nortel and Roctest. She is a recognized expert in the area of optical networks and optical fiber transmission technologies. Dr. Tremblay manages the Laboratoire de Technologies de Réseaux, an optical transmission infrastructure that she has developed in collaboration with Nortel and which includes advanced WDM systems platforms and a 10 Gb/s optical recirculating loop for metropolitan and long haul applications and experiments. Since joining ÉTS in 2004, she has already established research collaborations with SYTACom members at McGill University.

As an institutional node, ÉTS and its members will benefit from direct SYTACom support for research in the form of human infrastructure. True to the support deployment model that has made its success, SYTACom will provide funding for professional research staff in support of collaborative research efforts of its members at ÉTS. Furthermore, Prof. François Gagnon has joined the Scientific Advisory Committee, where his long-term research management expertise will prove invaluable.



Prof. Zbigniew Dziong



Prof. Christine Tremblay



Prof. François Gagnon