



## Siradel's New R&D presence

Rennes, France - 12th January 2009

Expanding its international presence, SIRADEL opens a new **Radio Expertise and Research Centre in Toronto, Canada**. This illustrates SIRADEL objectives to extend its technological partnerships with North American companies, especially in the development of emerging concepts in the field of radio network design and more precisely on the estimation of quality of service for any waveform, in any kind of outdoor or indoor environment.

Starting from January 2009, Dr. Yves Lostanlen, VP & Wireless CTO of Siradel, relocates in Toronto and heads this new research centre as well as its parent Radio Department based in France.

“At the moment of counting for the 4 billion<sup>th</sup> mobile over the world, future radio network communication has to consider both capacity and mobility. Siradel is willing to take the lead in terms of the expertise in radio coverage. In this way, it is necessary to maintain important researches leading on the definition and the validation of new concepts for the design and the deployment of new communication wireless networks. Our research centre of Toronto will allow Siradel to collaborate with new major North America industrial players in the mobile world and the networks.” Said *Dr. Laurent Bouillot*, Chairman & CEO of Siradel.

“Siradel has long-lasting collaborations with major universities and leading research centres in Europe. The Radio Expertise and Research Centre created in North America will benefit from this experience to setup new technology alliances. We also wish to enhance our R&D expertise gathered in various organizations and associations such as the Information Communications Technology in the Frame Program 7 and the COST 2100 action of the European Commission and other Centres of Excellence and Competitiveness Clusters.

Envisaged wireless networks present new and dense topologies of radio equipments sharing a common spectrum. Besides, quality of service (coverage, capacity, latency) of emerging networks is a location-dependent notion to be assessed beyond physical and radio layers. These new paradigms require new tools and multi-disciplinary knowledge and knowhow that will be developed and hosted in this new Radio Expertise and Research Centre.” Said *Dr. Yves Lostanlen*, Vice President & Wireless CTO of Siradel.

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## About Siradel

**Siradel** is the initiator of commercial propagation model concept and now has already become the world leader in this important niche market in the telecom industry.

The model '**Volcano**', including a series of modules, helps you design and optimize any wireless network including 3G, WiMAX, Wifi, Digital Video Broadcasting...

**Siradel** produces high quality **map data** and carries out **radio coverage expertise** including measurement campaigns and model tuning all over the world.

Backed by strong R&D team, these three business units work independently but can also be the global solution to guarantee the success of your network planning and optimisation.

**Siradel** participates in national & international R&D projects in order to broaden the scope of our expertise. R&D and Radio expertise activities allow Siradel to always be one step ahead and anticipate on future needs across the wireless industry (B3G, 4G, COFDMA, MIMO, Reconfigurability, UWB, ...). Right now, we have 18 R&D collaborative projects including 4 European projects.

**Siradel** has published more than 20 periodical, conference papers and book chapters in the five past years.

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