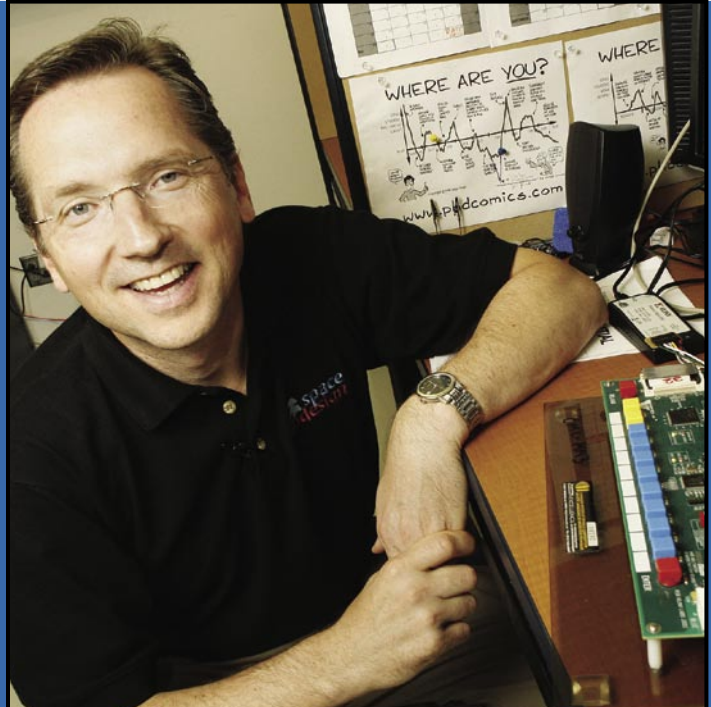


## Québec-based Startup Targets High-Growth Opportunities in the Electronic Systems Market, Forecast to Reach US \$1.6 Billion by 2009

In an era of intense global competition, electronics innovators face the daunting challenge of being the first to market novel devices. The development cycle for electronic-based products is becoming shorter as companies aim to launch products faster than their competitors. An entrepreneurial researcher with *CMC inside* is tackling this commercial opportunity by applying years of university-based research knowledge and experience

*"CMC has played a critical role in our product development process, by enabling us to develop, test and demonstrate our initial concepts in the university lab. It has also provided my graduate students with hands-on experience in the entire R&D cycle—it is a required part of my course."*

**Dr. Guy Bois**  
Professor of Computer Engineering  
École Polytechnique de Montréal



Dr. Guy Bois of École Polytechnique de Montréal is developing a new electronic system level (ESL) toolset for the design, simulation and creation of systems-on-chip and embedded systems.

**D**r. Guy Bois and four graduate students from École Polytechnique de Montréal will launch a new company in early 2007 that aims to meet a growing need among design engineers for faster simulation tools that address the increasing complexity of chips, enabling higher accuracy and a shorter design cycle.

Dr. Bois believes he has a solution with *SPACE Co-design*—a new electronic system level (ESL) toolset for the design, simulation and creation of systems-on-chip and embedded systems. Early research on the technology was initiated at École Polytechnique, where Dr. Bois and his team used field-programmable gate array boards and other tools that CMC makes available to Canadian universities through the System-on-Chip Research Network.

"With our product, design engineers will have a greater ability to refine and validate their concept before investing time and resources in the fabrication of the chip," says Dr. Bois, who first benefited from products and services provided by CMC as a Master's student in 1985.

*SPACE Co-design* is already capturing the attention of provincial and federal government investors. Dr. Bois is the recipient of sponsored research funding from Gestion Univalor, Valorisation Recherche Québec and NSERC. The team is currently looking for an industrial partner and other investors for further validation and prototype development.

The ESL market is projected to grow from US \$200 million to more than US \$1.6 billion by 2009, according to Gartner Dataquest. With a world of opportunity, Dr. Bois and his team are ready to hit the market with a dynamic team and innovative products that have *CMC inside*. [cmc](http://www.cmc.ca)