



Renowned Scientist Joins Synodon Team

For Immediate Release

Edmonton, Alberta – June 2, 2004 - Synodon Inc. is very pleased to announce the addition of Dr. John Cormier to the position of Senior Scientist.

Dr. John Cormier has more than 10 years of experience with radiometric and spectroscopic instrumentation. Dr. Cormier was most recently a Research Associate at the University of Alberta. Before this, Dr. Cormier held a prestigious United States National Research Council Postdoctoral Research Fellowship Award at the National Institute of Standards and Technology (NIST), in Gaithersburg, MD.

Dr. Cormier is world-renowned for his pioneering work on quantitative infrared cavity ring-down spectroscopy (CRDS). CRDS is a state-of-the-art laser-based spectroscopic technique that can be used to measure extremely low concentrations of trace gases.

“Cavity ring-down spectroscopy has tremendous commercial potential in a variety of markets, ranging from environmental monitoring to biomedical research”, said Dr. Cormier. “I am excited about working with Synodon Inc. to develop novel applications of this technology.”

Adrian Banica, Synodon Inc. CEO added “Our team is very honoured to have the opportunity of working with Dr. Cormier. His extensive understanding of gas spectroscopy as well as his analytical skills will be very important for our *realSens*TM technology development. Dr. Cormier’s exclusive CRDS knowledge will allow Synodon to expand from its initial core market and develop complementary gas sensing instrumentation”.

At NIST, Dr. Cormier developed a CRDS instrument to detect parts-per-trillion concentrations of sulfur hexafluoride, SF₆, in a gas stream. SF₆ is the most potent atmospheric greenhouse gas, and current atmospheric levels of a few parts-per-trillion are thought to be increasing at an exponential rate. Comparable levels of sensitivity can be realized for other gases opening up vast commercialization opportunities.

Synodon Inc. (*synodon.com*) - a private Edmonton based technology company - is developing an advanced natural gas pipeline leak detection system called *realSens*TM which is based on correlation spectroscopy technologies developed under the Canadian Space Program and by Synodon scientists.

Synodon's initial market is the world's 4.8 million kilometer natural gas pipeline network, stretching the equivalent of 120 times around the globe. Synodon's technology is able to detect small quantities of a wide variety of gases and can be applied in fields as diverse as search and rescue, mineral exploration and atmospheric pollution monitoring.

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