



## FOR IMMEDIATE RELEASE

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### **ISSYS & KEM to Present Methanol Concentration Sensor Posters at Two Upcoming Fuel Cell Conferences**

#### **Fuel Cell Summit 2005 Fuel Cell Durability Conference**

YPSILANTI, Mich.--(BUSINESS WIRE)--Oct. 14, 2005--Integrated Sensing Systems, Inc. (ISSYS) in Ypsilanti, Michigan, announced today that it will have poster presentations at the upcoming Fuel Cell Summit 2005, <http://www.fuelcellsummit.com> held on October 24th in Uncasville, CT and at the Fuel Cell Durability Conference, <http://www.knowledgefoundation.com/> held on December 8-9, 2005 in Washington DC.

The posters will cover the small methanol concentration sensors under development, targeting the active Direct Methanol Fuel Cell (DMFC) market. ISSYS is working with Japanese based, Kyoto Electronics Manufacturing Company (KEM) on this project <http://www.kyoto-kem.com/top.html>. These small sensors can also be utilized in a variety of other industrial and analytical applications for the need of a low-cost, accurate, small, inline density or chemical concentration sensors.

ISSYS' sensors are based on Micro ElectroMechanical System (MEMS) technology. This microfluidic technology offers advantages in system and sample size, cost and reliability over current approaches to fluidic density, methanol concentration and chemical concentration measurement, <http://www.mems-issys.com/html/density.html>.

The use of a methanol concentration sensor is essential for the practical application of a variety of DMFC technologies. Currently ISSYS' technology offers the only efficient solution for the DMFC application, particularly due to its outstanding accuracy, stability and potential low cost. Furthermore, unlike previous methanol concentration sensors, ISSYS' products operate over a wide temperature range and are not sensitive to chemical impurities.

Fuel cells offer a big improvement in portability over conventional battery packs. Applications for DFMC technology include laptop computers, PDAs, camcorders and other portable consumer electronics.

Company Background: ISSYS is a leader in advanced micromachining technologies for medical devices, microfluidic and scientific analytical sensing applications. Founded in 1995 by world-renowned leaders in MEMS technology, ISSYS is one of the oldest independent MEMS companies in the US and has been offering MEMS services longer than any other company in the US. ISSYS operates a "full manufacturing under one roof," multi-million-dollar, state-of-the-art MEMS fabrication facility located near Ann Arbor, Michigan. An ISO 9000:2001 certified organization, ISSYS is a vertically integrated company dedicated to developing and manufacturing system-level products based on MEMS technology. ISSYS is currently undertaking a round B fund-raising effort to raise capital for new medical and fuel-cell sensor product

launches. For more company, product and service information, please visit <http://www.mems-issys.com/>

Kyoto Electronics Manufacturing, Co. Ltd ("KEM") is a specialized manufacturer of scientific instruments since 1961, introducing a broad product line of analyzers of high quality and reliability including Analytical and Measuring Instruments that addressed laboratory needs and Continuous Monitoring Systems. Headquartered in Kyoto, Japan, KEM has a world-wide network of sales offices and distributors. For more company and product information, please visit <http://www.kyoto-kem.com/top.html>.

Key Words: Concentration sensor / meters, Fuel cells, Methanol sensors / meters, Direct Methanol Fuel Cell (DMFC)

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