

Free & Open to the Public

# FUEL CELLS **3** SPEAKERS

**Thursday, November 12** ♦ **7:00 - 8:30 p.m.** *plus Q&A*

Mackie Hall in Westminster Church House ♦ 353 E. Pine St. ♦ College of Wooster

## **Mr. Patrick Valente**

*Executive Director of Ohio  
Fuel Cells Coalition*

**“Overview of Fuel Cells in Ohio with emphasis on north-east region.”**

Pat Valente, is a leading proponent of Ohio's fuel cell industry. He was recently appointed Executive Director of the OFCC. The OFCC is committed to maximizing Ohio's industry leadership, fostering active participation in collaborative opportunities, and increasing awareness of Ohio's industry cluster through advocacy and marketing outreach. He has served as Deputy Director and Assist. Deputy for the OH Dept. of Development's Technology and Economic Development Divisions and as top fuel cell advisor to Lt. Governor and Ohio Dept. of Development Director Lee Fisher.

Valente is one of the key architects of the nationally recognized Third Frontier Program and has been the leading advocate for the development of Ohio's fuel cell industry. He also has played an instrumental role in the success of the Entrepreneurial Signature Program (ESP) to foster collaboration and change for regional economic and development entities.

Valente received his B.S. degree in Geography from Kent State University.

## **Dr. Jim C. Maloney**

*Faculty, Fuel Cell Technology,  
Stark State College, Canton*

**“Fuel Cells 101 and Fuel Cell program at Stark State College, Canton.”**

James Maloney, PhD, is currently a faculty member at Stark State College in North Canton, Ohio. He teaches Information Technology and Electrical Engineering Courses as well as Fuel Cell Technology, Alternative Energy and Emerging Technology.

Previously he was Chief Pilot and Manager of Goodyear's North American Airship Operations, he taught at the University of Southern California (USC) and Duke University before working in the aerospace industry for TRW Space and Defense Systems, Science Applications International Corporation (SAIC), and Goodyear Aerospace.

He received a B.S. in Electrical Engineering and Computer Science; an M.S. in Electrical Engineering and Computer Science; and a Ph.D. in Electrical Engineering, Computer Science and Biomedical Engineering at USC. Among his many accomplishments he is a commercial airship and airplane pilot, reads Russian, and he really is a Space and Defense (Rocket) Scientist and Pilot (Rubber Rocket).

## **Mr. Dan Birmingham**

*Director of Engineering, Rolls  
Royce Fuel Cell Systems (US)*

**“Development of a Mega-Watt scale Solid Oxide Fuel Cell (SOFC) Power System.”**

Mr. Dan Birmingham is the Director of Engineering at Rolls-Royce Fuel Cell Systems (US) where he is responsible for the 1-Mega-watt Solid Oxide Fuel Cell development programs. Rolls-Royce believes the Solid-Oxide Fuel Cell is the best for stationary power generation applications while retaining the capability of being developed subsequently for various transportation, military and marine applications.

Dan has 30 years of industrial research & development and product development experience in the power and oil/gas industries. He has held technical and management positions at SOFCo-EFS (a fuel cell company), the Babcock & Wilcox Company and Westinghouse Electric Corporation before joining Rolls-Royce.

Mr. Birmingham holds degrees in Mechanical Engineering from the University of Pittsburgh.



SUSTAINABLE ENERGY NETWORK  
WAYNE COUNTY

[www.wcsen.org](http://www.wcsen.org)

Please post this page then recycle!

***Don't miss this informative event!***

For more information and upcoming events visit our website.