

INVITED PRESENTATIONS

- 77 Trung Van Nguyen, "Energy for Sustainability," Michigan Technological University, Houghton, MI, April 17, 2009.
- 76 Trung Van Nguyen, "PV Pathway," Workshop on Energy Innovation Systems from the Bottom Up: The PV Case, National Commission on Energy Policy, Washington, DC, Mar. 13, 2009.
- 75 Trung Van Nguyen, "Sustainable Energy: Research Challenges and Opportunities," Pittsburg Conference (PittCon) 2009, Chicago, IL, Mar. 9, 2009, **Keynote Speaker**.
- 74 Trung Van Nguyen, "Water Management in a PEMFC by Materials Engineering & Design," University of Connecticut, Storrs, CT, Feb. 12, 2009.
- 73 Trung Van Nguyen, "Energy for Sustainability," University of Missouri, Columbia, Feb. 9, 2009.
- 72 Trung Van Nguyen, "Water Management in a PEMFC by Materials Engineering & Design," Arizona State University, Tempe, AZ, Feb. 2, 2009.
- 71 Trung Van Nguyen, "Energy for Sustainability & Water Management in a PEMFC by Materials Engineering & Design," University of Stuttgart & German Space Center, Stuttgart, Germany, Feb. 17, 2009.
- 70 Trung Van Nguyen, "Energy for Sustainability," Northwest Energy Innovation Summit, Boise, Idaho, Jan. 13, 2009.
- 69 Trung Van Nguyen, "Energy for Sustainability," University of New Mexico, Albuquerque, NM, Dec. 1, 2008.
- 68 Trung Van Nguyen, "Energy for Sustainability," Hawaii Natural Energy Institute, University of Hawaii, Honolulu, Oct., 15, 2008.
- 67 Trung Van Nguyen, "Energy for Sustainability Program and Transport and Interfacial Phenomena in a PEM Fuel Cell," Dept. of Chemical Engineering & Materials Science, Michigan State University, Lansing, MI, Sept. 30, 2008.
- 66 Trung Van Nguyen, "Energy for Sustainability Program and Surface Ionic Activity of Proton Conducting Membranes," Dept. of Chemical Engineering, Columbia University, New York City, NY, Sept. 23, 2008.
- 65 Trung Van Nguyen, "Energy for Sustainability Program and Surface Ionic Activity of Proton Conducting Membranes," Dept. of Chemical & Biomolecular Engineering, University of Tennessee, Knoxville, TN, Sept. 16, 2008.
- 64 Trung Van Nguyen, "Energy for Sustainability Program and Transport and Interfacial Phenomena in a PEM Fuel Cell," Textile Engineering, Chemistry and Science and Dept. of Chemical & Biomolecular Engineering, North Carolina State University, Raleigh, NC, Sept. 9-10, 2008.
- 63 Trung Van Nguyen, "Energy for Sustainability," ASME Energy Sustainability 2008 Conference, Jacksonville, FL, August 10-14, 2008, **Plenary Speaker**.
- 62 Trung Van Nguyen, "Surface Ionic Activity of Proton Conducting Membranes," University Wollongong, Wollongong, Australia, August 1, 2008.
- 61 Trung Van Nguyen, "Energy for Sustainability Program and Transport and Interfacial Phenomena in a PEM Fuel Cell," Arkema, King of Prussia, Pennsylvania, June 23, 2008.
- 60 Trung Van Nguyen, "Energy for Sustainability Program and Transport and Interfacial Phenomena in a PEM Fuel Cell," Department of Physics and Astronomy, University of Kansas, Lawrence, KS, April 18, 2008.
- 59 Trung Van Nguyen, "Energy for Sustainability Program and Surface Ionic Activity of Proton Conducting Membranes," Department of Chemical Engineering, Florida State University, Tallahassee, FL, April 11, 2008.
- 58 Trung Van Nguyen, "Energy for Sustainability Program and Surface Ionic Activity of Proton Conducting Membranes," Department of Chemical Engineering, Wayne State University, Detroit, MI, March 28, 2008.

- 57 Trung Van Nguyen, "Energy for Sustainability Program and Surface Ionic Activity of Proton Conducting Membranes," Department of Chemical and Biomolecular Engineering, University of Maryland, College Park, MD, February 5, 2008.
- 56 Trung Van Nguyen, "Energy for Sustainability Program and Surface Ionic Activity of Proton Conducting Membranes," Department of Mechanical and Nuclear Engineering, Pennsylvania State University, State College, PA, February 12, 2008.
- 55 Trung Van Nguyen, "Energy for Sustainability Program and Transport and Interfacial Phenomena in a PEM Fuel Cell," Department of Materials Engineering, Georgia Institute of Technology, Atlanta, GA, November 27, 2007.
- 54 Trung Van Nguyen, "Energy for Sustainability and Process and Reaction Engineering Programs at the NSF," Lehigh University, Bethlehem, PA, Oct. 31 – Nov. 1, 17, 2007.
- 53 Trung Van Nguyen, "Energy for Sustainability Program and Transport and Interfacial Phenomena in a PEM Fuel Cell," Dept. of Chemical Engineering, U. South Carolina, Columbia, SC, October 17, 2007.
- 52 Trung Van Nguyen, "Leadership and Entrepreneurship in Electrochemical Engineering: Academic Perspective," Electrochemical Society 2007 Annual Meeting, Washington, D.C., October 11, 2007.
- 51 Trung Van Nguyen, "Transport and Interfacial Phenomena in a PEM Fuel Cell," NSF Workshop on Frontiers in Transport Phenomena Research and Education, U. Connecticut, May 17-18, 2007, **Panel Speaker**.
- 50 Trung Van Nguyen, "Fuel Cell Research Activities at The University of Kansas," Research & Advanced Engineering, Fuel Cell Research, Ford Motor Company, Dearborn, Michigan, Jan. 29, 2007.
- 49 Trung Van Nguyen, "Energy for Sustainability," Chemical, Biochemical, Environmental and Transport Systems Division, National Science Foundation, Dec. 22, 2006.
- 48 Trung Van Nguyen, "Water Management in a PEM Fuel Cell by Materials Engineering and Design – a New Paradigm," Chemical Engineering Department, Northeastern University, Boston, Massachusetts, December 9, 2005.
- 47 Trung Van Nguyen, "Current Transport Issues in Low Temperature Fuel Cells," **Plenary Speaker**, Workshop on Low Temperature Fuel Cells, National Science Foundation, Arlington, Virginia, June 20-21, 2005.
- 46 Trung Van Nguyen, "Theoretical and Experimental Studies of the Effects of Liquid Water in the Gas Diffusion Layers of PEM Fuel Cells," Dept. of Mech. Eng., Stanford University, Palo Alto, CA, Feb. 16, 2005.
- 45 Trung Van Nguyen, "Theoretical and Experimental Studies of the Effects of Liquid Water in the Electrodes of PEM Fuel Cells," Dept. of Chem. Eng., Univ. of South Carolina, SC, Sept. 23, 2004.
- 44 Effect of Electrode Flooding and Membrane Surface Ionic Activity on PEM Fuel Cell Performance," Dept. of Physics, University of Missouri, Kansas City, Missouri, April 23, 2004.
- 43 Trung Van Nguyen, "Effect of Electrode Flooding and Membrane Surface Ionic Activity on PEM Fuel Cell Performance," Dept. of Physics, University of Missouri, Kansas City, Missouri, April 23, 2004.
- 42 Trung Van Nguyen, "Liquid Water Transport in Diffusion Media of PEM Fuel Cells," MEE-11 Group, Los Alamos National Laboratory, Los Alamos, New Mexico, Mar. 24, 2004.
- 41 Trung Van Nguyen, "Fuel Cell Research at the University of Kansas," Department of Chemical Engineering, University of New Mexico, Albuquerque, New Mexico, Mar. 23, 2004.
- 40 Trung Van Nguyen, "Research Projects on PEM Fuel Cells at the University of Kansas," Royal Institute of Technology, Stockholm, Sweden, Feb. 5, 2004.

- 39 Trung Van Nguyen, "Research and Development Program on PEM Fuel Cells at the University of Kansas," Toyota Motor Corporation, Toyota City, Japan, Jan. 12, 2004.
- 38 Trung Van Nguyen, "Modeling Two-Phase Flow in PEM Fuel Cells," Toyota Motor Corporation, Toyota City, Japan, Jan. 13, 2004.
- 37 Trung Van Nguyen, "Research and Development Program on PEM Fuel Cells at the University of Kansas," Nissan Motor Company, Kanagawa, Japan, Jan. 16, 2004.
- 36 Trung Van Nguyen, "Modeling Two-Phase Flow in PEM Fuel Cells," Nissan Motor Company, Kanagawa, Japan, Jan. 16, 2004.
- 35 Trung Nguyen, "Liquid Water Transport in Diffusion Media," Fifth Gordon Conference on Fuel Cells: Focus of New Fuel Cell Materials, Roger Williams University, Bristol, RI, July 27-August 1, 2003, **Keynote Speaker**.
- 34 Trung Van Nguyen, "Diagnostics of Liquid Water Flooding in PEMFC Electrodes," Computation Fuel Cells Dynamics - II, Pacific Institute of Mathematics and Sciences & Mathematics of Information Technology and Complex Systems (PIMS-MITACS), Banff Centre, Banff, Alberta, Canada, April 19-24, 2003.
- 33 Trung Van Nguyen, "Modeling Two-Phase Flow in the Gas Diffusion Layers of PEM Fuel Cells," NASA Workshop on SOFC Modeling and Simulation, Ohio Aerospace Institute (OAI), Cleveland, Ohio, April 11, 2003.
- 32 Trung Van Nguyen, "Fuel Cells," The Affordable comfort Conference 2003, Kansas City, MO, USA, March 31-April 5, 2003.
- 31 Trung Van Nguyen, "Fuel Cell Fundamentals," AIChE Student Chapter, University of Kansas, Lawrence, KS, USA, February 5, 2003.
- 30 Trung Van Nguyen, "Proton Exchange Membrane Fuel Cells: An Alternative Power Source for the 21st Century," Fuel Cell Lecture Series, Department of Chemical Engineering, University of Michigan, September 26, 2002.
- 29 Trung Van Nguyen, "Fuel Cells," as a guest lecturer for the course on Electrical Methods of Analysis, CHEM 903, Chemistry Dept., The University of Kansas, Lawrence, Kansas, May 2, 2002.
- 28 Trung Van Nguyen, "A Two-Phase Flow Model for PEM Fuel Cells with Interdigitated Flow Fields," George Mason University, Fairfax, Virginia, May 10, 2002.
- 27 Trung Van Nguyen, "Water and Heat Management and MEA and Stack Design Issues in PEM Fuel Cells," Energy and Resources Laboratories, Industrial Technology Research Institute, Chutung, Hsinchu, Taiwan, April 15, 2002.
- 26 Trung Van Nguyen, "Frontiers in Chemical Engineering: Fuel Cells," AIChE 2001 Annual Student Conference, Reno, Nevada, November 4, 2001.
- 25 Trung Van Nguyen, "Proton Exchange Membrane Fuel Cells: An Emerging Power Source for the 21st Century," American Solar Challenge, Holiday Inn, Lenexa, Kansas, September 22, 2001.
- 24 Trung Van Nguyen, "Modeling of PEM Fuel Cells with Conventional and Interdigitated Flow Distributors: The Effects of Liquid Water and Two-Phase Transport," **Keynote Speaker**, Computational Fuel Cell Dynamics Workshop, Pacific Institute of Mathematics and Sciences & Mathematics of Information Technology and Complex Systems (PIMS-MITACS), Simon Fraser University, Vancouver, British Columbia, Canada, June 3-8, 2001.
- 23 Trung Van Nguyen, "Proton Exchange Membrane Fuel Cells: An Alternative Power Source for the 21st Century," Department of Chemistry, University of California, Davis, California, April 26, 2001.
- 22 Trung Van Nguyen, "Proton Exchange Membrane Fuel Cells: A Power Source for the 21st Century," Department of Physics, University of Kansas, Lawrence, KS 66045, April 12, 2001.

- 21 Trung Van Nguyen, "Fuel Cells," Kansas State University AIChE Student Chapter, Manhattan, Kansas, January 25, 2001.
- 20 David Darwin, Javier Balma, Carl E. Locke, and Trung Nguyen, "Accelerated Testing for Concrete Reinforcing Bar Corrosion Protection Systems," NSF Workshop on Long Term Durability of Materials and Structures, University of California, Berkeley, California, October 26-27, 2000.
- 19 Trung Van Nguyen, "Surface Enhancement of PEM Fuel Cell Membrane and Electrode Assemblies by Plasma Etching," Rapid Prototyping Laboratory, Stanford University, Palo Alto, California, November 16, 2000.
- 18 Trung Van Nguyen, "Research and Potential Jobs and Opportunities That Come From It," University of Kansas AIChE Student Chapter, October 19, 2000.
- 17 Trung Van Nguyen, "Surface Enhancement of PEM Fuel Cell Membrane and Electrode Assemblies by Plasma Etching," Chemistry Department, University of Kansas, September 25, 2000.
- 16 Trung Van Nguyen, "Surface Enhancement of PEM Fuel Cell Membrane and Electrode Assemblies by Plasma Etching," Dept. of Chemical & Petroleum Engineering, University of Kansas, September 19, 2000.
- 15 Trung Van Nguyen, "Surface Enhancement of PEM Fuel Cell Membrane and Electrode Assemblies by Plasma Etching," VTIC2000, San Jose State University, San Jose, California, Aug. 4-5, 2000.
- 14 Trung Van Nguyen, "Proton Exchange Membrane Fuel Cells: A Power Source for the 21st Century," Department of Chemical Engineering, University of California, Davis, California, June 5, 2000.
- 13 Trung Van Nguyen, "Proton Exchange Membrane Fuel Cells: A Power Source for the 21st Century," Department of Chemical Engineering, Texas A&M University, College Station, Texas, March 20, 2000.
- 12 Trung Van Nguyen, "Fuel Cells," Kansas City Section of the AIChE, Kansas City, Kansas/Missouri, February 17, 2000.
- 11 Trung Van Nguyen, "Proton Exchange Membrane Fuel Cells: A Power Source for the 21st Century," Department of Chemical Engineering, Worcester Polytechnic Institute, Worcester, Massachusetts, February 10, 2000.
- 10 Trung Van Nguyen, "The Effects of Gas and Water Distributions and Flow Field Design on the Performance of Proton Exchange Membrane Fuel Cells," Equos Research, Japan, January 17, 2000.
- 9 Trung Van Nguyen, "Direct Liquid Water Injection and Interdigitated Flow Field for Reactant Gas, Water and Thermal Management in Proton Exchange Membrane Fuel Cells," Symposium on Energy Engineering in the 21st Century, January 9-12, 2000, Hong Kong, China.
- 8 Trung Van Nguyen, "Proton Exchange Membrane Fuel Cells: A Power Source for the 21st Century," Department of Chemistry, National University of Singapore, Singapore, January 6, 2000.
- 7 Trung V. Nguyen, "Modeling Two-Phase Flow in the Porous Electrodes of PEM Fuel Cells Using the Interdigitated Flow Fields," *Symposium on Tutorials in Electrochemical Engineering—Mathematical Modeling*, Electrochemical Society Meeting, May 2-6, 1999, Seattle, Washington, **Keynote Speaker**.
- 6 Trung V. Nguyen, "Proton Exchange Membrane Fuel Cells: An Alternative Power Source for the 21st Century," Department of Chemical Engineering, University of Washington, Seattle, Washington, February 22, 1999.
- 5 Trung Van Nguyen, "Proton Exchange Membrane Fuel Cell As An Alternative Power Source," Department of Chemical Engineering, Kansas State University, Manhattan, Kansas, April 15, 1998.

- 4 Trung Van Nguyen, "Proton Exchange Membrane Fuel Cells: An Alternative Power Source," Department of Chemical Engineering, Florida A&M University and Florida State University, Tallahassee, Florida, March 24, 1997.
- 3 Trung V. Nguyen, "Water and Heat Management Issues in Proton Exchange Membrane (PEM) Fuel Cells," Chemistry Department, University of Kansas, May 3, 1996.
- 2 T.V. Nguyen, "A Water and Heat Management Model for Proton-Exchange-Membrane Fuel Cells," Department of Chemical and Petroleum Engineering, The University of Kansas, March 3, 1994.
- 1 T.V. Nguyen, "A Water and Heat Management Model for Proton-Exchange-Membrane Fuel Cells," The Advanced Engineering Technology Group, Los Alamos National Laboratory, Los Alamos, New Mexico, February 25, 1994.