

C.C. (Cliff) Pedersen, M.A.Sc, P.Eng., P.Mgr, Suncor Energy Inc.

Clifford C. Pedersen is Manager, Product Production Processes at Suncor Energy Inc. accountable for all process control and real-time applications used in plant operations for the entire company. During the last 23 years, he has been accountable for advanced process control applications, real-time process optimization, major reinstrumentation projects and, information technology, primarily at Sarnia Refinery. Prior to 1984, Cliff held employment with Shell Canada Products Ltd. in Toronto and Sarnia as Staff Engineer and supervised systems development in the Process Computer Applications Dept. Previous to that, he was with Imperial Oil Enterprises Ltd. in Sarnia and Montreal as an Applications Engineer and a Project Engineer and pioneered some of the first multivariable constrained closed-loop computer control. Cliff received his B.Sc. in Chemical Engineering from University of Alberta and his M.A.Sc. in Systems Design from University of Waterloo. He is a member of the CSE, NPRA and ISA, is a registered professional engineer (P. Eng.) in the province of Ontario, Canada, and holds a professional manager designation (P. Mgr.) from the Canadian Institute of Management.

Eric C. Cosman, Engineering Solutions IT Consultant with The Dow Chemical Company

His responsibilities include system architecture definition and design, technology management and integration planning for manufacturing systems globally. With over thirty years of service with Dow, Eric has held positions in both Canada and the United States. His assignments have been in areas including Process Engineering, Process Systems Software Development, Telecommunications, IT Operations, Automation Architecture and Consulting. He has presented and published papers on various topics related to the management and development of information systems for process manufacturing.



Eric represents Dow on various standards committees, industry focus groups and advisory panels. He is one of the founders of the Aspen Technology Information Management User's Society. He has been a contributor to the work of the ISA-SP95 committee and has presented papers on the use of this standard as a basis for a Manufacturing information systems architecture. He currently serves as the co-chairman of the ISA99 committee on industrial automation systems security and sponsors a Chemical Sector Cybersecurity Program team focused on manufacturing systems cyber security.

For the past several years Eric has been heavily involved in the area of manufacturing systems security. He has been a member of the Steering Team for the Chemical Sector Cyber Security program, first under the auspices of CIDX, and more recently as part of the Chemical Information Technology Center (ChemITC), which is associated with the American Chemistry Council. Eric was one of the authors of the Chemical Sector Cyber Security strategy for the U.S., originally published in 2002 and updated in 2006.

Troy Embree, Procter & Gamble

Troy Embree is a graduate of the University of Cincinnati. He started his career with Johnson & Johnson before joining Procter & Gamble in 1997. During employment with P&G, he has worked in the Snacks and Family Care business units. He currently works in the PC&IS department of Corporate Engineering where he leads the Manufacturing Cybersecurity Program and also focuses on the application of Microsoft technologies to the manufacturing floor. Troy is also an active participant in MS Manufacturing Users Group.

Lawrence F. Capuder, Certified Public Accountant (CPA), Certified Information Systems Auditor (CISA), Certified Internal Auditor (CIA) and Certified Fraud Examiner, Saudi Aramco

Prior to joining Saudi Aramco in 2005, Lawrence managed his own global consulting practice, which included clients from Fortune 500 companies, Big Four CPA firms and, the US Agency for International Development. He has spoken at conferences on five continents, published over four dozen professional journal articles, and is a member of ISA-99 Committee, "Industrial Automation and Control System Security".