The Customer Advisory Board, representing a broad set of Process industries, is the key to the success of this forum. We thank them for their ongoing contributions!

**ARCHER DANIELS MIDLAND**

**BOB WETTER, DIRECTOR OF INSTRUMENT, ELECTRICAL AND COMPUTER ENGINEERING**
Bob Wetter has been working with process automation and power distribution for over 30 years—the last 28 years with ADM. He has responsibility for the automation and power distribution for ADM’s 230 processing facilities around the world. At ADM, safety is job one. For power distribution, ADM has implemented a variety of standards to improve the safety for people working on and around electrical distribution equipment. On the automation side, his responsibility includes the design and implementation of control systems for all of ADM’s major processes. As almost all of ADM’s processing facilities deal with potential hazards such as ethanol, hexane, and hydrogen, there is a high level of interest in making ADM’s control system as safe as possible.

**COLORADO SPRINGS UTILITIES (CSU)**

**JAY HARDISON**
Jay has over 28 years of experience in the areas of electrical, instrumentation, and automation in the water and wastewater industry. Jay first entered the industry working for an automation integrator after college. 10 of the last 26 years at CSU Jay has been a project manager for many projects including a new 20 MGD greenfield wastewater treatment plant and currently managing a new 50 MGD water treatment plant project.

**DUPONT ELECTRICAL AND COMMUNICATIONS GROUP**

**NADINE ARENS, CONSULTANT, PROCESS DYNAMICS AND CONTROL GROUP**
Nadine Arens is a Consultant in the Process Dynamics and Control Group in DuET. After graduating from the University of Houston, she joined the DuPont field engineering program and implemented new Bailey INFI-90 process control systems in DPC plants for 10 years. She then transferred to the Kalrez® business for 7 years as Quality Manager and Six Sigma Black Belt. In 2008, she moved to the DuET Process Dynamics & Control group as a consultant. Her expertise includes batch control, dynamic modeling and operator training stations. Nadine is the System Manager for ABB Bailey INFI-90 system at the Corporate Integration and Testing Center. Since joining PD&C, Nadine has been involved in implementing projects in TDC3000, ABB Bailey INFI-90, Rockwell RSLogix and Siemens PCS7.

**GERRIE PROCESS GROUP**

**GARY MCKENZIE, PROCESS CONTROL SPECIALIST**
Gary McKenzie has been working with automated control systems for over 16 years with Gerrie Electric, a Rockwell Automation Distributor. Gary spent the first several years of his career as a Distributor Automation Specialist supporting Allen-Bradley control systems of all varieties. He now manages the Process Control Group within Gerrie Electric, a group that is completely dedicated to designing and deploying automated control systems within process applications using Rockwell Automation technologies. He has worked with process systems across many industries including steel, food and beverage, pharmaceutical and water/waste water treatment. Over the last 7 years, Gary has been involved on several projects replacing large legacy DCS systems, requiring the design of both the control system and migration strategies.

**INDUSTRIAL FURNACE COMPANY**

**MICHAEL HILTON, DIRECTOR OF ELECTRICAL AND INSTRUMENTION**
Michael began his career in the electrical field nearly 25 years ago in the military. During that time, he designed and deployed the first wireless network to be used in a combat area. After the military, he worked in the machine tool industry designing “cutting edge” control systems for the automotive industry. In his current role, he works in the waste water, mining, and oil and gas industries using Multi-Hearth and Fluidized Bed Furnace control systems to produce products in a “clean and green” manner. Recently, these projects included heat recovery systems to produce clean power and reduce fuel consumption. These projects utilize most of the Rockwell Automation product line, including both software and hardware interfacing to Fieldbus technology. He has experience with Rockwell Automation Advanced Process Control function blocks and has also worked with Pavilion solutions.
JNE AUTOMATION
DARREN TWYFORD, CONTROL SYSTEM SPECIALIST
Darren Twyford has been working in the Process Automation field for nearly 15 years in the consulting engineering arena. His experience has been primarily in the metals industry, providing electrical, instrumentation and automation solutions for the iron and steel industry worldwide. Recent projects also include DCS migration into the Rockwell platform. With his previous work experience, Darren is currently providing process control systems from concept to design to commissioning and start up. With exposure to varied control system platforms and manufacturers, Darren has gained critical insight into today’s demanding process requirements and how to achieve sustainable automation.

KIMBERLY-CLARK CORPORATION
BOB KILAS, ELECTRICAL AND CONTROLS TECHNICAL LEADER
Bob has over 30+ years of experience in electrical and controls engineering. He began his career as an Instrument and Controls Engineer in power generation (right at the time of Three Mile Island). He then worked as a site Instrument and Controls Engineer at a petrochemical facility. Over the last 25+ years Bob has been working at Kimberly-Clark primarily supporting the tissue business. He has held various positions within Kimberly-Clark including an Electrical and Controls Engineer, a Project Electrical and Controls Engineer, a Project Leader, a Site Engineering and Maintenance Manager, a Staff Engineering Manager, and currently an Electrical and Controls Technical Leader. Bob is responsible for developing electrical and controls strategies and setting technical direction regarding the use of electrical and controls technologies. He is also responsible for driving the development and use of engineering best practices and standards.

KRAFT FOODS NORTH AMERICA
BOB PEGHER, STAFF ENGINEER – ELECTRICAL/PROCESS CONTROLS
Bob has over 25 years of experience in electrical engineering and process controls design, primarily as a consultant to the steel, automation, and consumer packaged goods industries. Since 1993, he has been with Nabisco (now Kraft) working as a Supervisory Process Controls Engineer, Plant Electrical Engineer, and Process and Packaging Group Design Leader. Bob currently supports the Kraft Foods North America Snacks Sector as a staff engineer at the Technology Center in East Hanover, NJ. Bob is responsible for all aspects of electrical engineering and process controls design for large capital execution projects. His focus is on developing and maintaining corporate engineering standards, project execution methodologies, safety related control systems, batching systems, and production line integration strategies. Bob helps to maintain and strengthen relationships with Rockwell Automation (Kraft’s Strategic Automation Partner), key Rockwell Automation solution providers, systems integrators, and OEMs.

PACIFIC GAS AND ELECTRIC (PG&E), DIABLO CANYON POWER PLANT (DCPP)
KRIS D. JENTZSCH, PROJECT ENGINEER – PROJECT SERVICES, INSTRUMENTATION AND CONTROLS OBsolescence Management (ICOM)
Kris was born and raised in Salt Lake City, Utah, and spent over 8 years with the U.S. Navy Nuclear Power Program. He joined PG&E in 1991 at DCPP, performing concept, design, testing, implementation and maintaining of control systems to replace obsolete systems for Liquid and Gaseous Waste Systems, Diesel Generator monitoring, Plant Process monitoring and Reactor Protection. He holds a B.S. in Nuclear Engineering Technology (Excelsior College), a B.S. in Mechatronics Engineering (Mechanical Engineering Core) and a M.S. in Mechatronics Engineering (Electrical Engineering Core) from CalPoly University, San Luis Obispo, California.

PFIZER, INC.
JIM LABONTY, DIRECTOR – PGE PROCESS AUTOMATION
Jim LaBonty draws on over 30 years of process automation and process control experience aiding Pfizer’s Global Engineering division’s process automation engineering team. Jim contributes engineering leadership to automation engineering technical direction, scope and engineering support for Pfizer specialty care, biotech, pharmaceutical, consumer, animal health and nutrition, 79 global manufacturing sites, authoring overarching automation strategy for each manufacturing division and overseeing global capital projects within these manufacturing sites. Jim also significantly contributes to the Pfizer global Automation Community of Practice—a virtual team of Pfizer’s highly skilled automation professionals that focus and leverage their collaborative energies and skills across Pfizer. This global network team leverages APQC formal community of practice (CoP) principals to provide the framework to collectively work together developing company-wide automation best practices; automation standards; automation guidelines and common unified applications; and harmonized verification and documentation approaches. The central engineering team also performs technical site and project design reviews of manufacturing automation system architectures (MES scope thru automation control systems). Jim holds a B.S. in Chemical Engineering from University of Maine at Orono, a B.S in Electrical Engineering from the Rochester Institute of Technology, as well as a M.S. in Management (Executive M.B.A.) from Purdue University.
PHARMACEUTICAL MANUFACTURER*

DON GEERS, SENIOR PROCESS CONTROLS ENGINEER

Don Geers has been working in the Process Controls field for over 30 years as an end user, systems integrator, and back to an end user. His experience has been across a wide variety of industries including chemical, food, and pharmaceutical processes. He has been heavily involved with design, installation, and startup of process automation solutions with emphasis on electrical, instrumentation, and computer controls. Integration with various DCS control systems as well as the PlantPAx process automation system have given him experience in a wide variety of control devices. Don's primary focus is maintaining and enhancing the process control system within his facility. Don has an Electronics Engineering degree as well as a Level III Certified Control System Technician with the International Society of Automation.

*Unnamed due to corporate policy.

PREMIER SYSTEM INTEGRATORS

LARRY GRATE, P.E., ACCOUNT DELIVERY MANAGER, DECATUR BUSINESS UNIT

Larry joined PREMIER in 2007 and is responsible for system architecture and design, as well as account management for projects completed out of its Decatur, AL location. As a Co-Op student many years ago, Larry had the unique opportunity to see the migration from single loop controllers and hard-wired relay logic, to PLC-based control and then several DCS implementations in a few short years. Larry has over 20 years of experience in automation and controls, with both DCS and PLC-based systems. He has completed several projects migrating legacy DCS solutions to Logix-based solutions, as well as multiple new installations using object based coding principles and the PlantPAx library. Larry has done various projects using the Advance Process Control blocks in Rockwell solutions as well as similar functions in DCS systems. Larry has experience in pulp and paper, food and beverage, metals, and automation industries. Larry has a B.S. in Engineering from Mercer University in Macon Georgia, and his PE license in control systems.

PROCTER & GAMBLE, INC.

PAT DOLLARD, PROCESS CONTROL SECTION LEAD

Pat Dollard began working in the digital systems labs at Procter and Gamble in 1979, using "powerful" 64KB real-time computers for batch control. He has continued to work on, and lead, Process Control projects for various divisions within P&G, such as food and beverage, health care and beauty care. Currently, Pat leads both the Process Control Section and the Manufacturing Applied Information Technology Section in P&G’s Corporate Engineering. He earned a B.S. in Chemical Engineering from the University of California, Santa Barbara.

SHELL GLOBAL SOLUTION

TRUNG NGUYEN, PROJECT ENGINEER

Trung Nguyen is an electrical engineer with 25 years experience in applied industrial automation. He has worked on projects in many industries such as pharmaceutical, biotech, chemical, metallurgy, petro-chemical and pulp and paper. These projects have allowed him to gain concrete experience in project lifecycle implementation for industrial control systems such as DCS, PLC/ HMI, SCADA, Batch, Data Historian, MES, ERP Integration and networking for industrial applications. He always updates his technical abilities that are complemented by his organizational skills, which are assets in his roles as automation technical lead within the Shell Global Solution organization.