In parallel to the below there are often more sessions of interest to attend, we recommend you to use the HUG conference app to plan your day to day schedule, as soon as the HUG app becomes available. During your on-line Users Group registration, you will be requested to indicate your preferences:

**Monday June 10,**

**Utility** - Next to Honeywell breakout sessions and end users’ papers the Monday-Smart Energy Solutions training and workshops topics will include: Electricity Metering Basics, Water Module Programming, Water and Gas Installation and Troubleshooting, Water & Gas User Exercises and Practical Application, Permasert 2.0 Gas Couplings Overview and Installation. All description details will be on the HUG conference app. Duration: 8 hours.

**Training: Fundamentals of Cybersecurity in Safeguarding the Industrial Control System Environment.** Recent research suggests that industrial facilities are not implementing readily available ICS security best practices, resulting in half of those surveyed experiencing a cyber security breach (LNS Research, 2017). Whether people, process or technology changes, there are steps you can take to build resilience and reduce risk. By aligning your organization to maturity levels, you can continually improve cyber resilience. This training starts with the basics of industrial cybersecurity, for novices interested in the fundamental approaches, tasks, and technologies to implement risk reduction across process control networks. Duration: 2 hours.

**Migration Planning Best Practices**
A number of factors determine the optimal migration path for a phased migration approach. On Process Migration, Platform Options, Virtualization, and Network Infrastructure best practices will be discussed for TPS to Experion Migration, C200 Upgrades, and Experion release upgrades. Duration: 1 hour.

**ControlEdge PLC Ethernet/IP Support and Platform Update**
ControlEdge PLC supports a variety of communication protocols. With our latest release, we’ve added Ethernet/IP™ connectivity. Ethernet/IP enables ControlEdge PLC to easily integrate with other PLCs, drives, and compatible devices. Join this workshop to learn about Ethernet/IP support, see a live demonstration and get a quick review of the latest developments with ControlEdge PLC. Duration: 2 hours.

**Connected Field Operations for Improved Decision Making and Execution**
Field Competency and Intelligence through:
- Automated and on-the-go recording, storage and viewing of video procedures
- Expert on Call – connected video sharing during Operations and Maintenance
- Connected Field Operations and Maintenance Rounds
- Intrinsically Safe Integrated Hands-free Hardware
- A close up look to what’s new including hands-on demonstrations
In this workshop plant managers, safety leaders, operations leaders and project and maintenance engineers will learn about hazardous area field applications and digitization processes through standard solutions that are creating a new wave of field orchestration. Duration: 1 hour.
Tuesday, June 11

Utility Next to Honeywell breakout sessions and end users’ papers the Tuesday -Smart Energy Solutions training and workshops topics will include: Connexo FieldSense: Introduction to MeterSense, Connexo FieldSense Metercat: Administrator Tasks and Metercat: General Operation, and Metercat: Creating Components and Programs. All description details will be on the HUG conference app. Duration: 8 hours.

Decoding the Latest ICS Cybersecurity Attacks
The process industries have always been prime targets to the hackers and 2018 was no different. Cybersecurity is grabbing a lot of attention, be it at a plant level or at an enterprise level. But to overcome this problem we must do more. From malware-based attacks to DDOS, in this workshop the presenters would take the attendees through some of the recent ICS cybersecurity attacks and will also share findings, insights and lessons learnt that we can take into consideration to stay ahead of advanced cybersecurity threats. Duration: 8 hours.

Training: Virtual Experion LCN Appliance Deployment
New Experion LCN Virtual Appliances were recently released. Deployment scenarios the include the virtual ENIM, AM, AM-R and EHB will be discussed. We’ll start at the beginning and outline migration requirements, planning and preparation steps. We'll explore virtualization options and benefits, as well as cover the procedure for On-Process migration for ELCN using ELCN bridge. Duration: 2 hours.

Improving paper machine production performance and QCS reliability with QCS 4.0
QCS 4.0 enables paper machine operators and service personnel to achieve consistently higher production performance while decreasing the Total Cost of Ownership (TCO) of the QCS System. Automated detection and notification of issues shortens “event to action” cycles from days/weeks.months to minutes. Duration 1 hour.

Experion MX and MXProLine QCS Migration Best Practices
Microsoft’s 2020 end of support for key operating systems impacts many QCS customers. This workshop will discuss new approaches to QCS migration that reduce effort/cost, shorten cycle time, deliver new process optimization capabilities, and simplify future migrations. Virtualization and advances in QCS-DCS integration between Experion MX and Experion PKS enable further benefits and lifecycle support cost reductions. Duration 1 hour.

Seamlessly Connecting the Process Safety Lifecycle Inside One System
Today the key information for the Process Safety Lifecycle is handled through many manual steps. Automating the Process Safety Lifecycle helps reduce errors, lower costs, monitor operations for hazard conditions continuously and provide safety alerts in a timely fashion. Using Honeywell’s latest software offering, experts are able to carry out analyses such as Process Hazard Analysis (PHA), Layer of Protection Analysis (LOPA), Safety Requirement Specification (SRS), and Safety Integrity Level (SIL) calculations and classifications more effectively. The software also enables the monitoring of process conditions and compares actual performance with operational parameters under pre-defined hazard conditions with regular updates from the plant historian.

In this workshop, we will discuss the current solutions in this space and jointly identify areas for improvement of the Safety Lifecycle. We will then demonstrate how the Process Safety Suite from Honeywell addresses these issues resulting in an improvement in process safety. Duration: 2 hours.

Wednesday, June 12

Utility- Next to Honeywell breakout sessions and end users’ papers the Wednesday Smart Energy Solutions training and workshops topics will focus on Connexo NetSense 11.2 for EnergyAxis LAN 2, Connexo NetSense 11.4 for SyergyNet and more. All description details will be on the HUG conference app. Duration: 8 hours.

Penetration Testing: From an Attacker’s Perspective - Do You Have Hidden Vulnerabilities in Your ICS Environment?
With an ever-changing threats dynamics, keeping ICS environments cyber secure has become crucial more than ever before. Adversaries are using advanced pivoting, lateral movement, credential theft, and user hijacking techniques which can often go undetected by a traditional vulnerability assessment. Penetration testing is exercise to assess the organization’s security posture from the perspective of a sophisticated threat-actor on both Enterprise and Industrial environments. While important, there are several challenges when performing a
penetration test on industrial control networks. Scoping critical networks, controlling techniques used, and ensuring aligned objectives are all focal points of an Industrial Control penetration test. Duration: 2 hours.

**Thermal Solutions, Oil & Gas Burner Management Applications**

Honeywell's thermal process solutions are tailor made for the unique requirements of the Oil & Gas industry, meeting the toughest challenges in the most demanding operating environments. In this workshop, you'll learn how our experts help customers overcome their challenges, and get detail insight into solution design, technology, project implementation - including application examples. Duration: 45 minutes

**Thermal Solutions, Safety Programs and Services**

Critical equipment like burners, gas boosters and combustion safety equipment must perform reliably in every application, at any time. This workshop will deep dive into the challenges and safety risks that can arise, how these can be avoided, and how customers can increase safety, efficiency and reliability of their fuel-fired equipment and thermal process operations. Duration: 45 minutes

**Slick Tricks for TRACE R130**

This workshop shares practical use cases of how users (like you) take advantage of Trace daily snapshots, user interface, navigation and tools to improve productivity and reduce manual activities - transforming the way you work! It's more than just good ideas. It's Slick: Because it's cool and useful . . . And it's a Trick: Because you might not have thought of it! Duration: 1 hour

**Thermal Solutions Connected, Thermal IQ Operate & Optimize**

In a highly competitive global marketplace, industrial thermal process industries increasingly seek digital intelligence to manage and operate hundreds or thousands of assets, from a single site or across an enterprise, to meet critical operating demands and address the increasing shortage of thermal expertise in the workforce. Honeywell Thermal Solutions has developed an innovative suite of connected solutions to address this development. This is a deep dive workshop how Thermal IQ and its newly added features revolutionizes the way thermal process industry operations run and maintain their vital thermal processing systems - including application examples. Duration: 45 minutes

**Optimizing Operational Design during Migrations Using Experion LCN, OpenVEP, and UniSim**

This workshop will discuss the use of the ELCN Virtual infrastructure combined with UniSim and OpenVEP to enable efficient graphics migration, acceptance, and training. Duration: 1 hour

**Wellhead & Pipeline Management**

Bringing Experion SCADA, Mobile, Mapping, and a modern RTU Edge Device Together. What's the best way to manage remote assets? How do I get Experion information on my mobile device? It all starts with Experion SCADA and equipment templates. This practical workshop will utilize equipment templates to improve engineering and maintenance efficiencies while providing mobile access to real-time status and trends. We'll be configuring the ControlEdge RTU with DNP3 communications to cloud hosted Experion Elevate where we'll use Experion's mapping capability to imbed values from the RTU into Google Earth. This is modern wellhead & pipeline management! Duration: 2 hours

**Deploying a Multiprotocol, Multiapplication OneWireless Network**

Relative to traditional wiring, industrial wireless provides an opportunity for up to 50% cost savings and up to 80% savings in project execution time. This interactive workshop will show you what it takes to design and implement an industrial wireless network that provides connectivity for Wifi devices and field instruments compliant with ISA100 Wireless and WirelessHART. Design best practices and use cases will be shared. Why attend? Industrial wireless is increasingly deployed as an integrated part of industrial control systems and enhanced plant safety solutions. Do not miss discovering how your current and upcoming projects can benefit from this technology. Duration: 2 hours

**Intelex Workshop**

Organizations around the world must balance multiple competing priorities: managing ever-changing customer demands; rapidly transformative technologies; the need for increased operational efficiencies; and increasingly stringent regulatory requirements. At the same time, they must ensure a safe work environment. U.S. businesses spend more than US$170 billion per year on costs related to occupational injury and illness that eat away at corporate earnings. Whether a plant, factory or refinery is looking to streamline decrease incident rates, improve defect tracking, permit management, or achieve any other quality or EHS goal, Intelex's software solutions enables industry to achieve its objectives.

In this workshop, Honeywell & Intelex Technologies, the leader in EHS software, will discuss:
• current business and regulatory trends and drivers in industry,
• how an EHS platform can streamline operations
• case studies of customers who have ensured consistent compliance with regulations and standards, managed incidents and near misses across job sites, and analyzed trends to improve performance.

Duration: 2 hours.

Thursday, June 13

Utility - Next to Honeywell breakout sessions and end users’ papers the Thursday- Smart Energy Solutions training and workshops topics will focus on Network Communication for EnergyAxis LAN 2 and SynergyNet Optimization and Troubleshooting, Reconfiguring A3 Alpha and REXU Meters with Connexo NetSense, Introduction to Alpha 4 and Metercat Programming and more. All description details will be on the HUG conference app. Duration; 8 hours

Honeywell UniSim Design Community Day
All sessions are related to UniSim Design, presented to you by different end users and Honeywell experts. Duration; 8 hours

Intelex trainings day
As a subset of the Honeywell Users Group Safety Track, Intelex Technologies will host a user group and training day. This day will include:
• Valuable insights into the Intelex product and solutions roadmap
• Stories delivered by industry peers – customers who have achieved positive EHSQ outcomes by leveraging Intelex platform and applications
• Best practices for driving EHS engagement
• Opportunity to meet with Intelex experts one-on-one
• Product training and more!
Duration; 8 hours

Alarm Management Live
If you're new to alarm management or have recently purchased or deployed Honeywell's DynAMo® Alarm Management Metrics & Reporting software, or simply need a refresh on some of the latest features and functions, then join this workshop delivered by Honeywell's Product Management team to walk through a live demonstration of Metrics & Reporting R200. See what each of the reports do, the problems they solve, and the order you should approach them to get the best return on your investment. Duration; 2 hours

Training: Advanced Cybersecurity Strategies in Safeguarding the Industrial Control System
Leading organizations in the industrial sector have gone beyond security fundamentals to greatly improve how they manage and measure cybersecurity risk reduction. Their established security programs have defined people, process and technologies that work toward measurable outcomes. In this session, learn about the advanced techniques and methods used by Honeywell and benchmarked companies to reduce cybersecurity risk. Duration; 2 hours

Training: Fault Tolerant Ethernet (FTE) Network Best Practices for Experion and Experion LCN Virtual Deployments
FTE is used throughout the Experion infrastructure. Virtualization and Modernization products such as ELCN and EUCN require careful planning to ensure success. In this workshop, we'll kick things off with an overview of the Experion network architecture, then explore the network implication for TPN to ELCN migrations. We'll address top-of-rack VLAN aggregation, and virtual server configuration for secure VLAN deployment, too. Perfect for the team looking to address migration and security. Duration: 2 hours.

How Honeywell's new Safety Manager SC Platform fulfills Safety needs in Various Fields of Applications
Honeywell now offers a next-generation version of its proven in use safety solution, Safety Manager SC, designed to handle the most demanding Safety Instrumented System (SIS) applications.

A growing number of industrial organizations are realizing the advantages of standardizing on a single safety system architecture and applying it in diverse applications across their plant or enterprise. They are also benefiting from integrated safety and distributed control solutions, and the simplicity of partnering with one supplier for all their needs.

In this workshop plant managers, safety professionals, project and maintenance engineers will learn about typical and non-typical fields of application of Safety Manager SC

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We will discuss various use case scenario’s including:
• Typical practical examples of safety applications you would not have thought of.
• Specific benefits of using universal safety channel technology
• Small to large applications
• Ease of use including simplified maintenance and spare parts management
• Outdoor solutions
• Distributed and centralized solutions
• And many other..
Duration: 2 hours.

Field to Cloud Multi-Vendor OPC UA Connectivity
Points Covered:
- briefly touch on overall OPC UA trends and how they fit in with broader IIoT topics
- specific issues industry is facing: legacy system ROI preservation, new system component integration, strengthening security, data to cloud (IIoT), scalability, etc.
Products/Concepts referenced:
- Matrikon: Dispatch™ (Being launched around this time), FLEX™, OPC UA Tunneller™
- Honeywell Control Edge (since it is OPC UA enabled and implements the MDIS companion specification!)
- reinforce overall HCE focus from a bottom-up perspective (i.e. data connectivity is a foundational part of the overall HCE offering(s). The ‘single pane of glass’ using a ‘unified approach to data connectivity’…)
Duration: 2 hours.

See information on other sessions, and the Honeywell Demo Center. The exact times and locations of all sessions will be announced on the HUG conference app. We recommend you to use the HUG app, to plan your day to day schedule, as soon as the HUG app becomes available.
During your on-line registration, you will be requested to indicate your preferences.

Feel free to contact: usersgroup@honeywell.com
or take a closer look at: www.honeywellusersgroup.com