

Improving Existing Control Systems to Increase Safety and Profitability

Torsdagen den 16 maj 2019, kl 8.00 – 11.30
ÅF, Grafiska vägen 2, Göteborg samt Webbsändning

Seminarium på engelska med Bill Hollifield från USA (CV bifogas).

Innehåll:

Control Loop Performance: ensuring that control loops are effective, capable of keeping the process within desired boundaries, and having good disturbance rejection. Problems in these areas are endemic in industry.

Alarm Management: ensuring that operators have a functioning alarm system that acts as an effective tool for their detection of abnormal conditions.

High Performance HMI: the provision of a properly designed process graphic interface that incorporates human factors principles and maximizes the operator's situation awareness and ability to avoid or minimize upsets.

Boundary Management: ensuring that the control and safety systems always reflect the proper settings of desirable vs. undesirable process boundaries (in safety, efficiency, and quality), and to analyze and report boundary excursions.

Independent Protection Layer (Safety Instrumented System) Monitoring: ensuring that all safety system layers of protection are properly configured, in operation, and with proper reporting and record keeping of activations and bypasses.

Automation System Management of Change, ensuring not only that changes are authorized, but that engineers making a change in these complex systems are fully informed as to all the effects that the changes will cause, thus avoiding change-related errors and inadvertent consequences.

Risk Awareness: Dashboards are created for engineering and managerial visualization of the many ongoing, real-time factors associated with Operations Risk.

Välkomna!

Seminariet är öppet för anställda i IPS medlemsföretag och särskilt inbjudna. Det är avgiftsfritt men om du uteblir utan att anmäla förhinder tar vi ut en avgift på 1000 kr. Obligatorisk föransmälan görs via kalendariet på vår hemsida <http://www.ips.se/> **senast den 10 maj!** Därefter är anmälan bindande. Ange vid anmälan om du deltar via webben. Förhinder meddelas till anmalanips@demogroup.se.

Bilagor:

1. Bill Hollifield - Biography,
2. Vägbeskrivning

Adress

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2019-04-04

INTRESSENTFÖRENINGEN
FÖR PROCESSÄKERHET

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Bill is the Principal Consultant at PAS Global, LLC in the areas of Alarm Management, High Performance HMI, and Operations Risk Management. He is a voting member and contributor to the ISA-18.2 Alarm Management committee, and the ISA-101 HMI committee. In 2014, Bill was named an ISA Fellow for industry contributions in these areas.

Bill has multi-company, international experience in all aspects of Alarm Management and HMI development. He has 28 years of experience in the petrochemical industry in engineering and operations, and an additional 16 years in alarm management and HMI software and services for the petrochemical, power generation, pipeline, mining, and other industries.

Bill is co-author of:

The Alarm Management Handbook, First and Second Editions, © PAS 2010

The High Performance HMI Handbook, © PAS 2008

The ISA book: Alarm Management: A Comprehensive Guide, Second Edition, © ISA 2011

All 8 of the ISA Technical Reports on Alarm Management and HMI

The Electric Power Research Institute (EPRI) guidelines on Alarm Management for Power Generation (2008) and Transmission (2016).

Bill has authored multiple papers and articles on Alarm Management, High Performance HMI, and Operations Risk Management. He is a regular presenter on such topics in such venues as ISA, API, and Electric Power symposiums. Bill has a BSME from Louisiana Tech University, an MBA from the University of Houston, and has built his own plane (an RV- 12, with a High Performance HMI).

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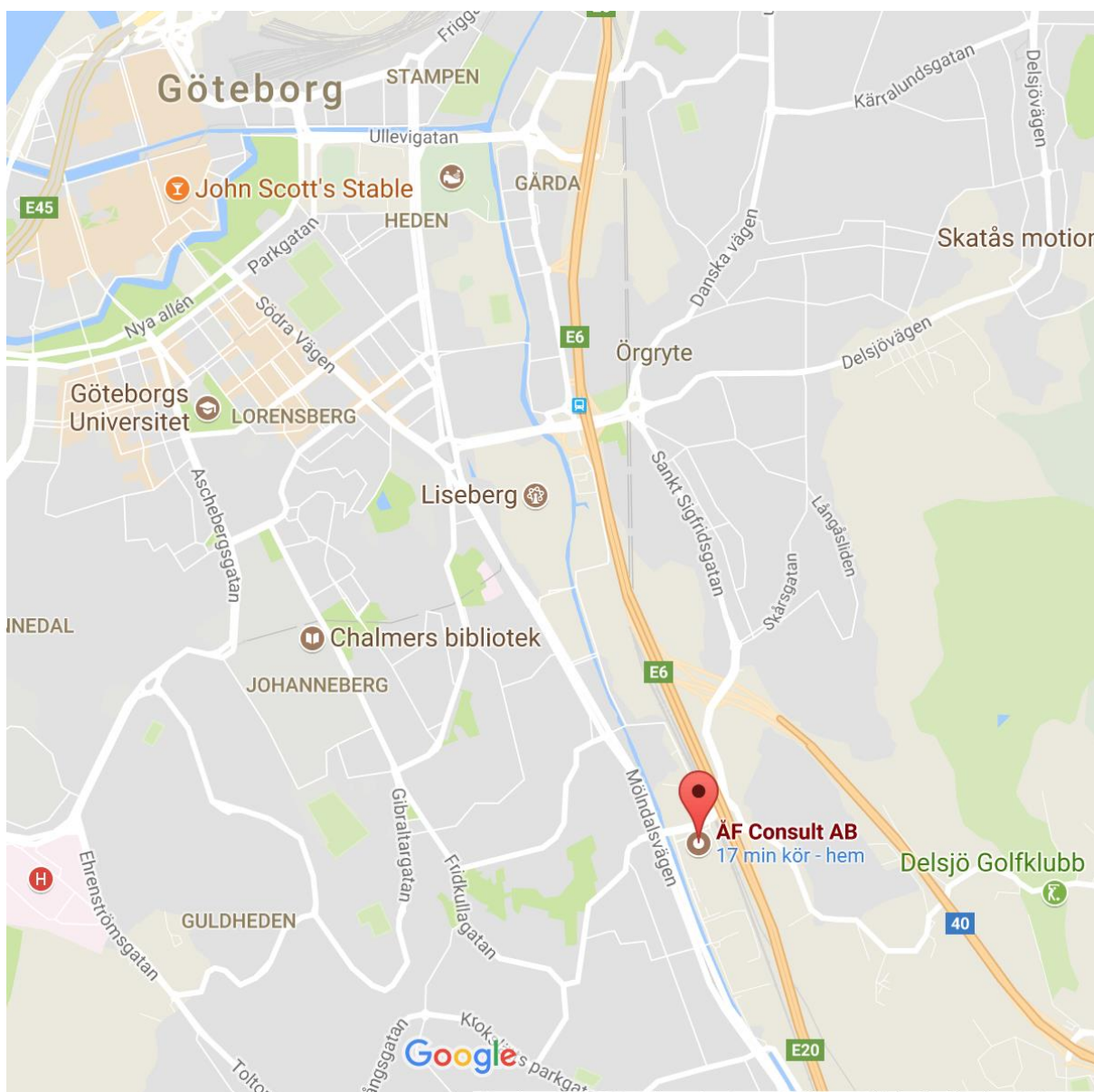
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Vägbeskrivning

Om du åker kommunalt, t ex från Göteborgs Centralstation, tag spårvagn 2 eller 4 till hållplats Elisedal (ca 10 min), alldeles intill ÅF-huset.

Om du åker bil: Betalplatser finns i P-garaget intill.

Anmäl dig i receptionen.



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