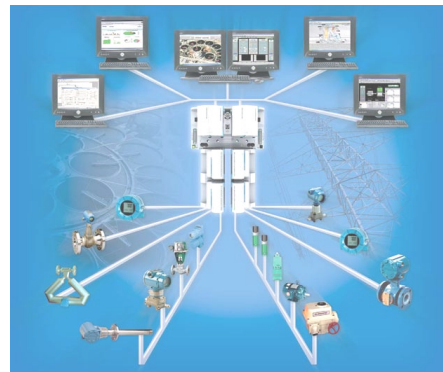


Evening Lectures 2011/12

Automation for Process Engineers



Date: 22nd November 2011

Time: 8:00pm

Venue: Janssen Biologics Ireland, Barnahely, Ringaskiddy, Cork

Topic: This lecture is intended as a high level introduction and overview of the design of Automation systems. Areas that will be addressed include:

- PLCs, SCADA and DCS
- Continuous and Batch systems
- Automation Standards S88, S95.

The lecture will provide those attending with knowledge of the main solutions available in each case and enough information to begin an investigation of the most suitable design for their facility or project.

Speaker: Aidan Mullin, DPS Engineering

Aidan has worked for DPS Engineering for over ten years and previously with Zenith Technologies and Hanley Controls. The majority of Aidan's experience is in the design, construction, commissioning and qualification of Automation Systems for the pharmaceutical industry.

Contact: Chemical & Process Engineering Division

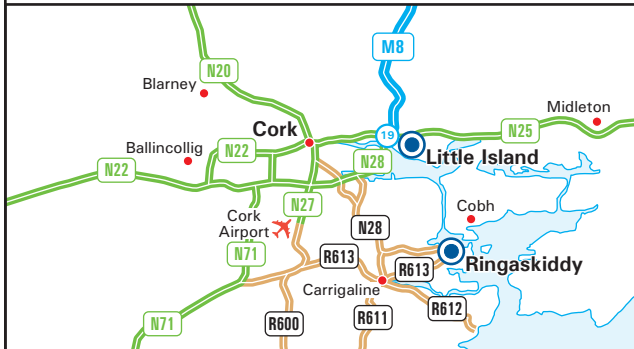
E: chemical@engineersireland.ie

Ph: Rónan Duggan 021-4706769

Admission is Free - All are Welcome [Please book to assist in organising]

1 Janssen Biologics (Ireland)
Barnahely
Ringaskiddy
Cork

2 Janssen Pharmaceutical
Little Island
Cork



Directions to Janssen Biologics (Ireland) - Ringaskiddy

- Leave the N25 (Cork South Ring Road) at the junction with the N28 and join the N28, following signs for the Ringaskiddy Ferry Terminal & Carrigaline.
- Continue on the N28 for 6km until the Shannon Park Roundabout.
- At the roundabout, take the first exit onto the N28, following signs for the Ringaskiddy Ferry Terminal.
- Continue on the N28 for 5km (passing through Shanbally and passing the Pfizer factory on the left).
- Turn right onto the R613, following signs for Carrigaline & Ballinhassig.
- Continue up the hill and take the first turn to the right.
- Janssen Biologics is located straight ahead.

Directions to Janssen Pharmaceutical - Little Island

- At the roundabout junction (19) with the M8/N25 take the N25 / South Ring exit and join the N25 (Cork South Ring Road).
- Staying in the left hand lane and take the slip road immediately to the left following signs for Little Island & Tunnel Management Building (do NOT go through the Jack Lynch Tunnel).
- At the roundabout, take the second exit onto the R623, following signs for Little Island Industrial Estate.
- Continue and take first right turn.
- Janssen Pharmaceutical is located on the left hand side.

