

# PURDUE PROCESS SAFETY AND ASSURANCE CENTER (P2SAC) AGENDA FOR FALL 2020 VIRTUAL CONFERENCE

## *TUTORIAL ON PROCESS SAFETY AND ASSURANCE*

Tuesday, December 1, 2020 (*Day 1 of 3*)

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| 12:55-1:00 | <b>Osman Basaran</b> (Gedge Professor ChE and Academic Director P2SAC, Purdue):<br>Welcome |
| 1:00-2:45  | <b>Prasad Goteti</b> (Honeywell): Safety life cycle per IEC/ISA 61511                      |
| 2:45-3:00  | Break  |
| 3:00-4:45  | <b>Goteti</b> tutorial continued   |
| 4:45-4:50  | <b>Osman Basaran</b> (Gedge Professor ChE and AD P2SAC, Purdue): Closing remarks           |

**Description/brief summary of tutorial:** Use a real plant example to walk through all steps of the Safety Life Cycle per the standards. This tutorial will touch upon the following topics - HAZOP, LOPA, SIL calculations, SRS, Functional Test Plans, and monitoring of Safety Functions during the Operation and Maintenance phase of the Safety Life Cycle.