



The Forgotten Science of Distillation Control

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guidelines for designing robust and reliable control structures on these vital units. The authors draw

from 30 years of experience in process and controls design, and tuning such controls, on multiple units

across a wide array of refining, petrochemical and LPG/LNG plants. In addition to the guidelines, a sampling of real-world situations and the solutions for same will be presented to illustrate how the principles are practically implemented. Topics included in the presentation will include:

- Only Two “Handles” for Every Distillation Tower
- Accumulator Level Control Myths
- Relative Gain Analysis Made Easy
- “Closing the Loop” in Controls Design
- When Tray Temperatures act like Levels
- Flooded Condenser Design: Keep it Simple!
- APC: Love it, Hate it, Need it?

Extended Abstract: File Not Uploaded

See more of this Session: [Kister Distillation Symposium 2019: Honoring the Contributions of Greg Shinskey: A Jubilee of Advances in Distillation Control](#)
See more of this Group/Topical: [Topical 8: Kister Distillation Symposium](#)

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