Don’t Gamble With Physical Properties
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Computer Aided Process Engineering (CAPE) has been becoming an increasingly valuable tool for chemical engineers over the last decades. A precise knowledge of physical properties is an indispensable basis for being successfully able to model complex chemical processes in silico. Lacking or flawed data can cause simulation results to be erroneous or practically inexecutable due to insufficient input data. A vitally important topic in CAPE is to have qualitatively and quantitatively sufficient physical properties data available when simulating chemical processes and – as a result – to have a reliable source for high precision physical properties data measurement and physical properties consulting on hand.

This presentation will provide information on services Siemens Engineering & Consulting offers in the range of physical properties lab services and physical properties consulting in process design. An overview of physical properties data and quality management at Siemens EC is given. Showcases of customers’ benefits from Siemens EC physical properties data are presented.