

Life, Data and Everything

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The use of Thermodynamics for the solution of chemical and process engineering problems is determined by a blend of Science, Engineering, Art and Grit. In this talk we will present some personal adventures of an engineer who makes a living solving problems related to thermodynamics and physical property estimation, with the final goal of simulating existing processes or designing new ones.

Although chemical engineering thermodynamics benefits from an ever increasing body of basic scientific knowledge, solution of real problems still depend very much on the knowledge of individuals, their creativity and guts to recommend solutions. The essence of success is determined by a combination of two apparently simple components – physical property data and how it is used.