Title: DMSO: An interesting example on material/energy balance

Date: 11/09, Friday, 1-2 pm.

Place: HM Comer 126

Speaker:
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Abstract:
The production process of DMSO (dimethyl sulfoxide) is used to present a model of chemical reactions and material balances. DMSO production is a unique process that involves multiple controlled chemical reactions with specific chemicals being supplied in excess to ensure that essential reactions go to completion. The concept of exothermic reactions will also be explored and the cooling required to remove the heat of reaction. DMSO production will provide a real world example of a unique chemical reactor material balance and heat control required to safely operate.