



Process Development

Within environmental management of process industries, environmental aspects as well as technical and economic ones should be taken into account throughout process development. So far, end-of-pipe treatments have been practical and effective to satisfy environmental regulations and to avoid local pollution. However, to attain a sustainable process industry, the scope of process management should be extended from gate-to-gate to cradle-to-grave, or to life cycle view. Therefore, the needs for innovative frameworks to incorporate life cycle information, which may be decentralized in the supply-chain, into decision-makings in every stage of process development are growing. This session highlights the following topics: innovative frameworks including life cycle assessment for the environmental management of process development, practical experiences in process industries, integrated management of process designs and operations, collaborative management with upstream and downstream enterprises, and other process related topics.

Instructions for submission of papers will be made available in July 2006 on www.lcm2007.org. Further information regarding the session is available from:

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