

**2016 AIChE annual meeting, Special Session:
To Celebrate Prof. Masayuki Horio's Career Long Accomplishments**

1. 開催行事名 ; 2016 AIChE annual meeting, Special Session: To Celebrate Prof. Masayuki Horio's Career Long Accomplishments
2. 開催期間・場所 期間 ; 2016年13～18日の1日
場所 ; サンフランシスコ
3. 主催・共催団体名 主催 ; AIChE, Powder Technology Forum (PTF), Fluidization and Fluid-Particle Systems
4. 申込締切期限 ; 2016年5月9日
5. 内容 種別 ; 大会内で開催の特別セッション
領域 ; 粒子流体、エネルギー
6. 行事詳細内容 ;
(別紙、参照)
7. URL ;
<https://aiche.confex.com/aiche/2016/webprogrampreliminary/Session32795.html>

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Special Session: To Celebrate Prof. Masayuki Horio's Career Long Accomplishments

Description:

Prof. Masayuki Horio has been a key figure in the field of fluidization. He has long been a leading researcher in both theoretical fundamentals and applications of Fluidization Engineering although recently he is further extending his field into policy science. His achievements in theoretical foundation include scaling law of bubbling and circulating fluidization, flow regime transition criteria, flow structure measurements and instrumentation, bubble, cluster and agglomerate size prediction, elutriation mechanism, jetting mechanism, binder-less granulation and CFD/DEM simulation. His topics of applications covers Energy issues, including cracking, coal combustion/gasification and biomass utilization, Environment issues, including sulfur capture, NO_x and N₂O control, CO₂ sequestration, waste management, ash behavior control and ceramic filter applications, Material issues, including olefin polymerization, high temperature ceramic synthesis, diamond synthesis, iron ore reduction and pharmaceutical granulation, and Health and Space Design issues. He is one of the founders of Energy division and Fluid Particle division of Soc. Chem. Engrs Japan. This session will be accepting invitation-only papers honoring Masayuki Horio's numerous contributions in the field of fluidization and fluid-particle systems.

Sponsor:

Fluidization and Fluid-Particle Systems

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