

The 9<sup>th</sup> Cologne Process Engineering Conference will be held on January 27, 2016

Venue: TH Köln, Hörsaal 14

This year, posters and presentations are related to **resource and energy efficient processes** and correspond to one of the five conference topics:

- A) Novel Recycling Technologies to Reduce Consumption of Raw Materials
- B) Process Intensification for Saving Energy
- C) Innovative Use of Chemical Byproducts and/or Waste as Part of Process Optimization
- D) Novel Catalyzed High Efficiency Processes
- E) Alternative Raw Materials with Lower Costs and / or Higher Availability

Furthermore, there will be a poster presentation covering the different fields of activity of the Institute of Chemical Process Engineering and Plant Design

Conference Program		Time
Roth, Fabian	Using metal oxide catalysts for oxidative coupling of methane (OCM)	09:30
Kunkel, Lukas	The potential of nanomaterials with metal compositions as catalysts for the power to gas system	10:00
	Coffee break & Poster session	10:30
Dambach, Regina	Seaweed: a sustainable source for bioplastics	11:15
Becker, Camdzic, Dumrul, Gassen, Wacker	Short presentation of PEC Posters	11:45
<ul style="list-style-type: none"> <li>• <i>PIG</i></li> <li>• <i>Apparatebau</i></li> <li>• <i>Entwicklung verfahrenstechnischer Produkte</i></li> <li>• <i>Wassertechnik</i></li> <li>• <i>Machbarkeitsstudie</i></li> </ul>	Short presentation of posters from other courses	12:00
	Lunch & Poster session	12:30
Krämer, Johannes	Waste is a useful resource, a circular economy concept	14:00
Molitor, Stefan	Recycling of Indium from LCDs	14:30
	Coffee break & Poster session	15:00
Braun, Marvin	Recycling of lithium-ion-batteries – the <i>LithoRec</i> project	15:30
	Poster award, Best presentation award	16:00
	End of Conference	16:30

A module of the Cologne  
Process Engineering  
master program