

PAC

Process Analytical Chemistry - Data Acquisition and Data Processing

Main location	Linz (Upper Austria)
Other locations	Kundl (Tirol), Salzburg, Lenzing (Upper Austria), Krems (Lower Austria), Vienna
Thematic field	The PAC consortium has set itself the goal to gain valid chemical information directly from the process streams in realtime. This information should open new optimization potentials for the chemical processes in different industrial sectors.

Success story summary

Joint organisation of the 7th Colloquium of "Arbeitskreises Prozessanalytik"

On November 14th and 15th November 2011 the 7th colloquium of the "Arbeitskreis Prozessanalytik" in the GDCh and DECHEMA was organized in close cooperation between the K-project PAC and several national and international partners. Thus, the PAC-network made it possible to bring the event to Linz for the very first time.

Success story

"Process Analytics as tool for the design of innovative materials and for the optimization of large-scale facilities", this was the title of the event, held in Linz from 14th to 15th November 2011. In a cross-border collaboration between GDCh, DECHEMA, FH Upper Austria, JKU, Borealis and the K-Project PAC the 7th Colloquium of the "Arbeitskreis Prozessanalytik" in the GDCh and the DECHEMA was brought to Austria. About 100 participants talked about current topics and trends in process analytics. In addition to the programme of scientific lectures a small industrial exhibition and a collective visit to the plants of PAC-partner Borealis in Chemiepark Linz were offered. The collaboration in the research network of PAC made it possible to bring the event to Linz for the very first time.

Talks were held by scientist as well as industrial experts, which covered topics in a wide range of industrial sectors, from the lumber, plastics and metal industry to the chemical industry. Also many PAC-network partners had the opportunity to speak to an interested audience about their expertise or specific problems and problem solutions.

Particularly encouraging was the aspect that one of the working fields of PAC was honoured with a Posteraward by the executive committee: "A viscosity sensor utilizing an electromagnetically actuated oscillating sphere" by Stefan Clara, Hannes Antlinger and Bernhard Jakoby from the Institute for Microelectronics and Microsensors. (PAC-partner JIME).



Impact and effects

On the one hand the colloquium offered an excellent networking platform for the project partners, on the other hand more than 100, primarily German, participants got a great impression of the current state of process analytics research in Austria.

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