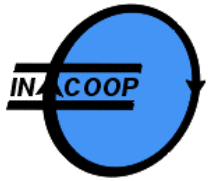


# Agenda Jan. 23, 2003



- |       |  |                                   |
|-------|--|-----------------------------------|
| 11:00 | <u>Welcome and introduction</u>  | Martin Friedrich, Bayer AG        |
| 11:15 | <u>General scope, goals and overview of INCOOP</u>   | Ton Backx, IPCOS Technology       |
| 12:15 | Lunch  |                                   |
| 13:30 | Invited lecture:<br>Process modeling and model-based automation  | Costas Pantelides, PSE Ltd.       |
| 14:30 | <u>Real time dynamic optimization</u>  | Wolfgang Marquardt, RWTH Aachen   |
| 15:15 | Coffee break   |                                   |
| 15:30 | <u>State estimation and long horizon MPC for nonlinear industrial applications</u>                         | Siep Weiland, TU Eindhoven        |
| 16:15 | <u>Hybrid modeling and model reduction</u>   | Johan Grievink, TU Delft          |
| 17:00 | Coffee break   |                                   |
| 17:15 | <u>Industrial challenges and requirements for optimization<br/>and control of the Shell case study</u>     | Piet-Jan Brouwer, Shell Chemicals |
| 17:45 | <u>Industrial challenges and requirements for optimization<br/>and control of polymerisation processes</u> | Guido Dünnebier, Bayer AG         |
| 19:45 | Dinner   |                                   |



# Agenda Jan. 24, 2003



- |       |   |  |
|-------|---|--|
| 08:30 | Invited lecture:  | <a href="#">Philippe Hayot</a> , Dow Chemicals   |
|       | <a href="#">Plant-wide online dynamic modelling with state estimation</a> |  |
| 09:30 | <a href="#">INCOOP software architecture</a>                              | <a href="#">Mario Balenovic</a> , TU Eindhoven   |
| 10:00 | Start of software demonstration   | <a href="#">Mario Balenovic</a> , TU Eindhoven   |
| 10:15 | Coffee break  |  |
| 10:30 | <a href="#">INCOOP methodology applied to Shell case</a>                  | <a href="#">Adrie Huesman</a> , TU Delft<br><a href="#">Peter Verheijen</a> , TU Delft         |
| 11:00 | <a href="#">INCOOP methodology applied to Bayer case</a>                  | <a href="#">Jitendra V. Kadam</a> , RWTH Aachen  |
| 11:30 | Review of software demonstration  | <a href="#">Mario Balenovic</a> , TU Eindhoven   |
| 12:00 | Final discussion, vendors' and end users' viewpoint, audience feedback    | <a href="#">Ton Backx</a> , IPCOS Technology<br><a href="#">Chris Hawkins</a> , MDC Technology |
| 12:45 | Closing of the workshop   | <a href="#">Ton Backx</a> , IPCOS Technology   |