

## The World's first Virtual Centre for Simulation

# Workshop „Open Digital Factory“

With the advent of e-manufacturing has come global competition and a drive towards customer-responsive operations. Meeting these challenges has stimulated the emergence of new enabling techniques many of which are simulation based. Today's demand for Simulation is unprecedented and **SIM-SERV** has been set up to provide a one-stop shop where the full range of simulation technologies may be accessed in one place, rapidly and on-line.

## Kick-off Meeting „Open Digital Factory“

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June 6, 2003  
9.00 — ≈ 15.00 o'clock

The meeting will be placed at:

SimulationsDienstleistungsZentrum  
Hauert 20, 44227 Dortmund  
Germany

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### Vision

The objective of this Sim-Serv working group is to define a link between individual simulation applications and advanced planning and scheduling (APS) applications.

In the recent years simulation technology has made enormous progress concerning its integration in different IT-solutions and other applications. One of these aspects is the planning and optimisation of production processes or distribution systems. But one step, the integration into APS-systems, has not been part of these developments.

Reasons for the non existing integration of these aspects are the complexity and the cost for the connection between APS and simulation. With this working group we want to define common interfaces and processes in different branches, that have needs for a linked application of simulation and APS. By this integration it is possible to reduce the cost of "global view" planning processes. Especially for small and medium enterprises (SME) such a solution will be justified by the high potential return on investment (ROI).

### Agenda

- Welcome
- Brief presentation of SDZ GmbH and our competence in simulation, planning and optimisation
- Short presentation of the participants and their fields of activity
- Introduction into our vision of 'Open Digital Factory'
- Discussion with all participants about the vision
- Definition of a common vision for the working group (online integration, data resp. Information exchange, scheduling algorithms, ...)
- Rough sketch of the further proceeding (working packages, time schedule, ...)