

The logo for SystemC, featuring the text "SYSTEMC™" in white capital letters inside a dark blue oval shape. The oval is partially enclosed by a white swoosh that curves around the top and left sides. The logo is centered on a dark blue background that has a horizontal band of white lines above it.

SYSTEMC™

# 2<sup>nd</sup> European SystemC™ Users Group Meeting

Munich, June 30, 2000

Wolfgang Rosenstiel,  
Joachim Gerlach,  
Tübingen University & FZI Karlsruhe

University of  
Tübingen

Department of  
Computer  
Engineering

Wolfgang  
Rosenstiel



Welcome



**Welcome to  
Munich!**

2<sup>nd</sup> European SystemC Users Group Meeting





# European SystemC Users Group

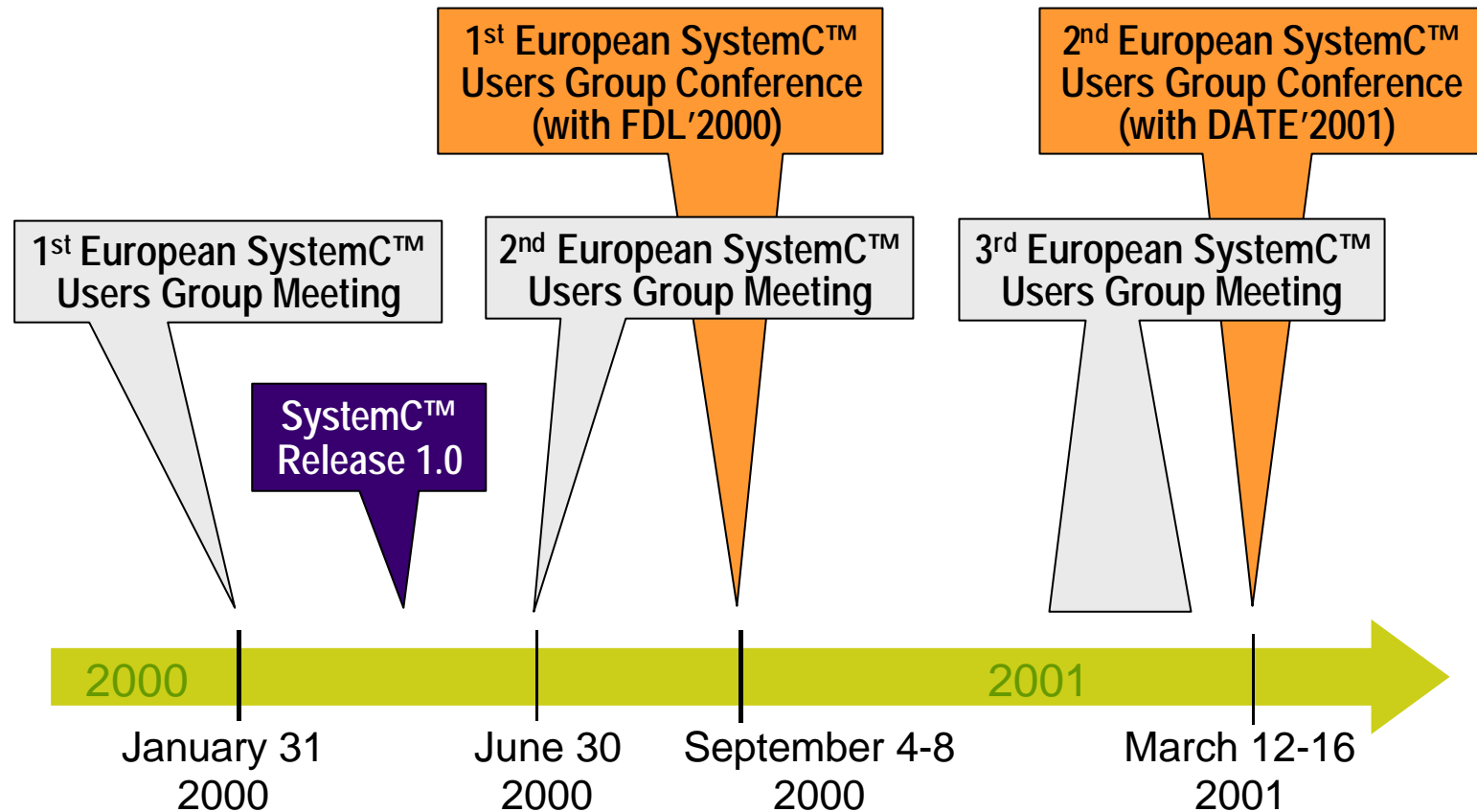


- **Communication platform for SystemC™ Users**
  - **European SystemC™ Users Group Meetings (bi-yearly)**
  - **European SystemC™ Users Group Conferences (yearly)**
    - **2000: in conjunction with FDL'2000 (Tübingen, September 4-8, 2000)**
    - **2001: in conjunction with DATE'2001 (München, March 12-16, 2001)**
  
- **Additional and catalyzed information flow between SystemC™ Users (® requirements to SystemC™) and Steering Group (® new releases of SystemC™)**
  
- **Acceleration of SystemC™ evolution and standardization**

# European SystemC Users Group



## Users Group Roadmap





# Agenda



## Morning Session

- **11:00**      **Welcome**  
by Wolfgang Rosenstiel
  
- **11:15**      **SystemC Interoperability Demos**  
by Martin Janssen (Synopsys Inc.),  
by Frank Franssen (CoWare Inc.),  
by Ivo Van Gelder (Frontier Design)
  
- **13:00**      **Lunch Break**



# Agenda



## Afternoon Session

- **14:00**      **SystemC Modeling Examples  
by SystemC Users**
  - **Claudia Feregrino** (Loughborough University)  
“Design and Implementation of a Variable Order Markov Modeling  
Unit for Data Compression”
  - **Bernhard Niemann** (Fraunhofer Institut für integrierte Schaltungen)  
“Modeling a GPS Receiver Using SystemC”
  - **Joachim Gerlach** (University of Tübingen)  
“Implementation of a JPEG Encoding/Decoding Scenario in SystemC”
  - **Dirk Hoffmann** (University of Tübingen)  
“Simulation-Based Verification of Temporal Properties in SystemC”
  - **Pierangelo Garino** (Csel)  
“SystemC Impact on the Development of an IP Library”



# Agenda



## Afternoon Session (cont.)

- ❑ **14:00**      **SystemC Modeling Examples**  
by SystemC Users
- ❑ **15:30**      **Coffee Break**
- ❑ **16:00**      **Discussion**  
by SystemC Users
- ❑ **16:45**      **Closing Remarks**  
by Wolfgang Rosenstiel
- ❑ **17:00**      **End of Meeting**

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**Thanks for joining the  
2<sup>nd</sup> European SystemC  
Users Group Meeting !**

**Special thanks to: Prof. Kurt Antreich, TU Munich  
Synopsys, Inc.**