

DANCE'2010

International workshop on Distributed Architecture modeling for Novel
Component Based Embedded systems



Organizers:

- Brahim Hamid (IRIT-Univ. Toulouse)
- &
- François Terrier (CEA LIST)



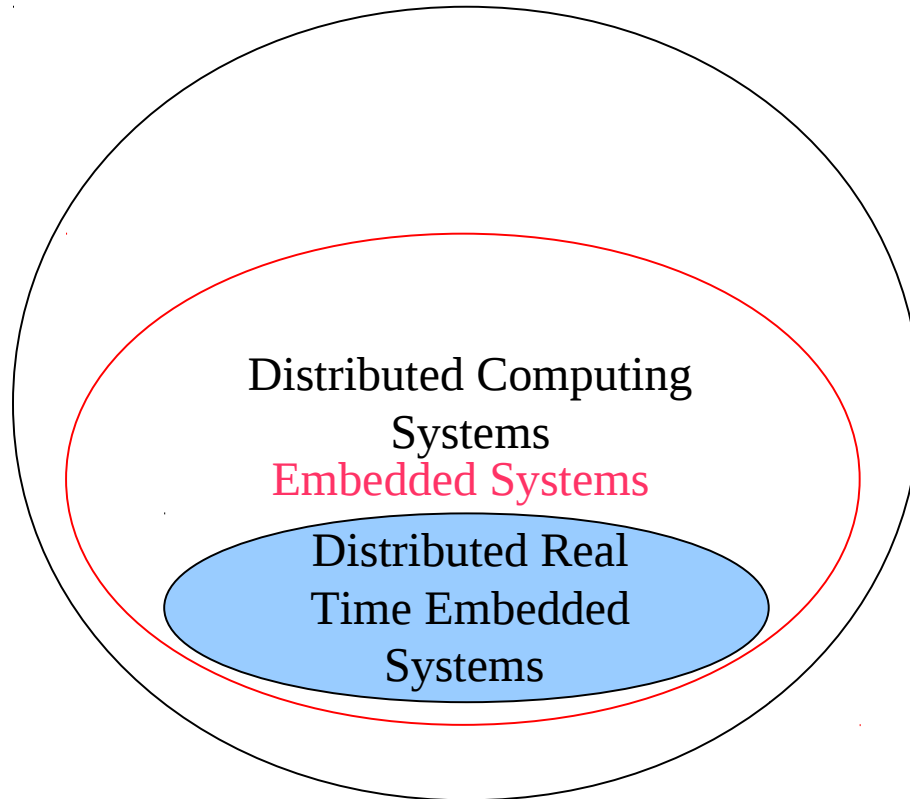
CNRS - INPT - UPS - UT1 - UTM





Motivations

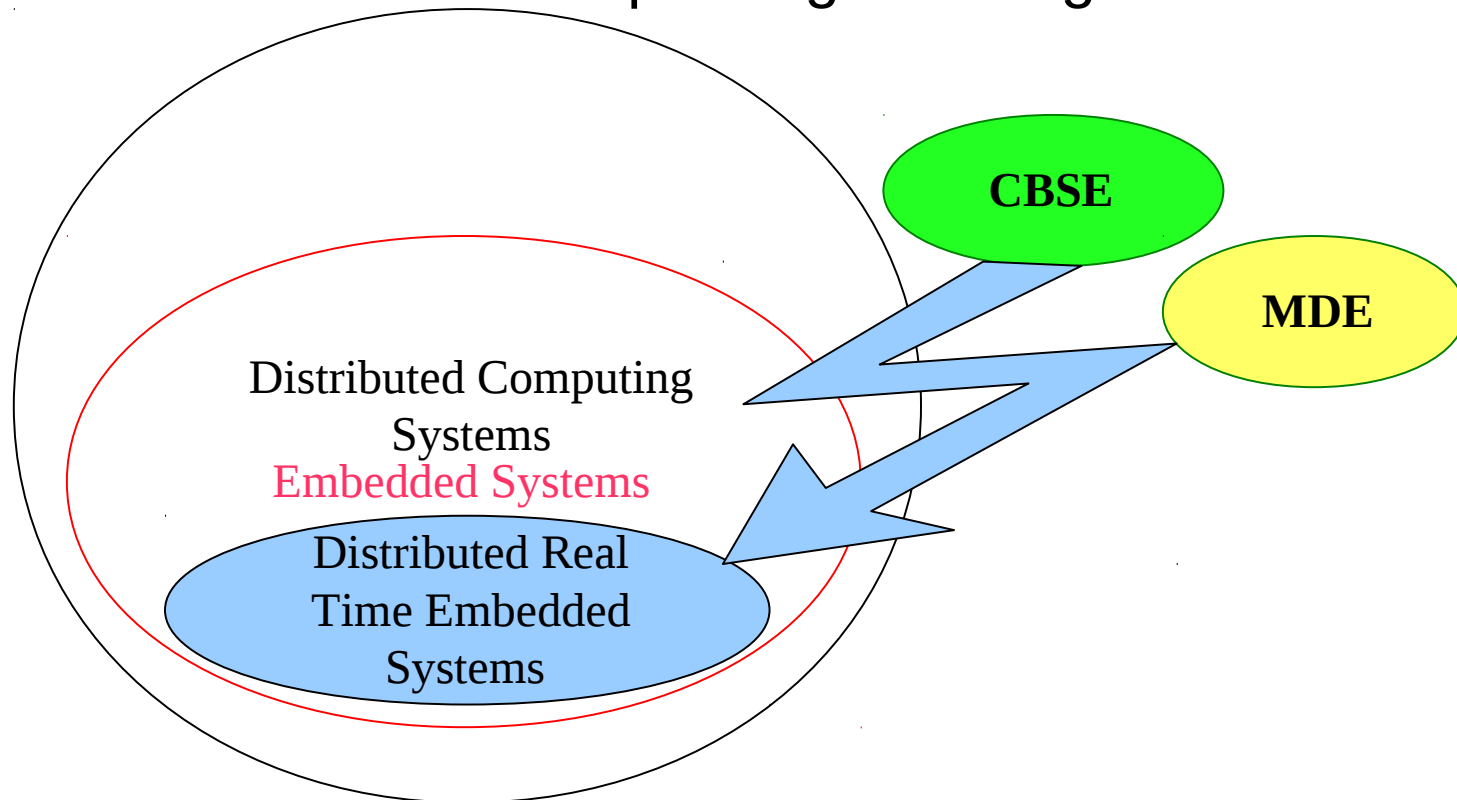
- Distributed Embedded Computing Systems





Motivations

- Distributed Embedded Computing Systems
 - Formalize DRTES paradigms using those of CBSE





Motivations

- Distributed Embedded Computing Systems
 - Formalize DRTES paradigms using those of CBSE
 - Topics:
 - Architecture and execution support design for distributed applications
 - Distributed adaptive and self-adaptive softwares
 - Component-based design for building collaborative distributed systems
 - Description language, Patterns, Meta- modeling, Multi- modeling, UML Profiles, DSLs, ...
 - Tools support for assisting modeling, deployment and configuration of distributed software architectures



Program committee

- Jean-Michel Bruel (IRIT-University of Toulouse, France)
- Ivica Crnkovic (University of Mälardalen, Sweden)
- Khalil Drira (LAAS-CNRS, France)
- Bouchra El Asri (SI2M ENSIAS, Rabat, Maroc)
- Jean-Charles Fabre (LAAS-CNRS, France)
- Marie-Pierre Gervais (LIP6, France)
- Christophe Gransart (INRETS, France)
- Stefan Gruner (University of Pretoria, South Africa)
- Mohamed Jmaiel (University of Sfax, Tunisia)
- Ferhat Khendek (University of Concordia, Canada)
- Roman Obermaisser (Vienna University of Technology, Austria)
- Laurent Pautet (Télécom - ParisTech, France)
- Antonio Perez (Ikerlan-K4, Spain)
- Ansgar Radermacher (CEA LIST, France)
- Carsten Rudolph (Fraunhofer SIT, Germany)
- Christoph Ruland (University of Siegen, Germany)
- Eric Rutten (INRIA, France)
- Francesca Saglietti (University of Erlangen-Nurnberg, Germany)
- Lionel Seinturier (LIFL-University of Lille, France)
- François Terrier (CEA LIST , France)



Submissions

- Among 13 initial submissions:
- Accepted papers (06):
 - Towards a Model-Driven Engineering approach for developing adaptive real-time embedded systems, Mohamed-Lamine Boukhanoufa, Ansgar Radermacher and François Terrier.
 - Towards a homogeneous model for implementation of service-based distributed real-time applications, Marisol García-Valls.
 - Position paper: Advances in Reconfigurable Distributed Real Time Embedded Systems, Fatma Krichen
 - eC3M: Optimized Model-based Code Generation for Embedded Distributed Software Systems, Manel Fredj, Ansgar Radermacher, Sebastien Gerard and Francois Terrier.
 - First Step Towards a Domain Specific Language for Self-Adaptive Systems, Manzoor Ahmad
 - The Design of a Real-Time Event Manager Component, Serge Midonnet and Damien Masson.