RobMoSys

composable   models   and   software
for   robotics   systems

European Robotics Forum
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RobMoSys

The project ID

- **RobMoSys**: Composable Models and Software for Robotic Systems
- In response to **H2020** Project – ICT-26- TOPIC : System abilities, development and pilot installations
- SubTopic c: **Innovation Action** on systems development technology.

  The "**System development tools**" sub-call

- **Start Date 01/01/2017**
- **End Date 31/12/2020**
- **Duration 4 Years**
- **Budget 8M,** where **4 M for Open-Calls**
- **Web Site http://robmosys.eu/**

AMBITION

RobMoSys will coordinate the whole community's best and consorted efforts to realize **a step-change towards an industry-grade software development European ecosystem**

- open

- sustainable

- industrial quality

RobMoSys part of the effort on **Digital Industrial Platforms for Robotics (with ROSIN)**

APPROACH

Model-driven engineering as key enabler for

- complex software and system integration
- high-quality standards compliance

Expected results

- repository of formal models for robotics
- tooling for correct-by-construction composition and code generation
- **open-source software and tools "track"**

Community Involvement

- Workshops Series for fast feedback from the community: **1° at ERF**
- **Open Calls (better tools, models and software)**

Agenda Brokerage Day

RobMoSys

09:30   Welcome coffee and informal networking

10:30   Official opening and introduction to the RobMoSys approach (Sara Tucci, CEA)
                 Technical Insights

- Project Overview, Modeling principles and foundations, Tiago Example (Christian Schlegel, HS Ulm)
- Motion Stack Modelling (Enea Scioni, KU Leuven)
- Technical Material available for applicants – RobMoSys Wiki (Alex Lotz, HS Ulm)
- Call presentation: What we are looking for? (Alex Lotz, HS Ulm)

12:00   Open Call introduction (Marie-Luise Neitz, TU München)

- Basic information & Conditions for participation
- Timeline
- Evaluation
- First Q&A session

12:30   Proposal teaser presentations – Introduction and discussion of first project ideas

13:00   Networking Lunch & time for individual meetings to form partnerships

14:00   Proposal teaser presentations – Introduction and discussion of first project ideas

15:30   Final Q&A and wrap-up