RobMoSys

Composable Models and Software for Robotics Systems

Want to be involved in establishing a common methodology for developing model-based robotics software?
The RobMoSys project invites proposals for its second open call:

CALL BASICS

Call identifier: RobMoSys-SROC

Call title: Second RobMoSys Open Call

Total budget: €2,550,000

Submission language: English

Call Opening: 1st February 2019

CALL 2

Calling for 3 different Instruments

Submission deadline, expected duration and maximum funding request per proposal: see below

Submission platform:
opencalls.robmosys.eu/all_calls

FACTS & FIGURES

Instrument	# 1: Fast Adoption (relevant to industry)	# 2: Ecosystem Challenges	# 3: Innovation Expert Intake
Call for	proposals	proposals	proposals
Runtime	6 months	12 months	6 months
Total indicative budget	€720,000	€1,600,000	€230,000
Max. funding per proposal	€60,000	€300,000	€20,000
Cut off dates	7th May 2019 31st October 2019	7th May 2019	7th May 2019 31st October 2019

ABOUT RobMoSys and FOCUS OF CALL 2

Industry-Driven Ecosystem.
RobMoSys defines a model-based ecosystem of assets and services to help the robotics industry improve their software/system engineering practice.
We are looking for proposals joining us in our effort to create this ecosystem and to demonstrate your success story with real industrial use cases.

Towards a Strong RobMoSys Community.
We call for expert groups willing to be coached by members of the RobMoSys core consortium in order to implement the RobMoSys concepts. Successful applicants must be ready to advance the RobMoSys way of thinking, and to go for real world examples in line with the RobMoSys industrial pilots (developed by the RobMoSys core consortium).

> **The second call for proposals embraces 3 different Instruments.**
> An instrument is a type of RobMoSys third-party contract. Each instrument has its own profile of: requested contributions, funding scheme, and expected results.

#1   FAST ADOPTION

RobMoSys wants to boost **fast adoption** of the RobMoSys approach in industry. This Instrument focuses on **SMEs** and **small teams in large industrial companies,** target groups ranging from **software component suppliers** to **robotics system builders**.

The funded projects must develop RobMoSys-conformant pilots (industrial case studies) based on existing assets (software and tools from the RobMoSys ecosystem), or provide software components conformant to the RobMoSys pilots.

#2   ECOSYSTEM CHALLENGES

This instrument aims at **strengthening the RobMoSys ecosystem** with in-depth developments on the RobMoSys baseline (**models, tools, components, architectural patterns**). **Submissions must fit one or more of the following technical topics:**

> **Topic 1:** ROS 2 and Model-Driven Software Development
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> **Topic 2:** Functional composition inside components
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> **Topic 3:** System level composition / safety
>
> **Topic 4:** System level predictability of properties, Navigation
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> **Topic 5:** System level predictability of properties, Manipulation
>
> **Topic 6:** OPC UA Robotics
>
> **Topic 7:** Open topic

#3   INNOVATION EXPERT INTAKE

We are looking for proposals from legal entities offering **expert services** in order to push innovation and strengthen the RobMoSys **community**.

Applications can focus on **supporting the RobMoSys Academy** or the RobMoSys **technology**.

Herewith, experts must be willing to familiarize themselves with the RobMoSys approach, actively participate in technical workshops, meet with RobMoSys partners in their labs, contribute to the RobMoSys community building, or get involved in specific ITP (Integrated Technical project).

www.robmosys.eu

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