

RobMoSys

Composable models and software for robotic systems

Marie-Luise Neitz, TUM

Content

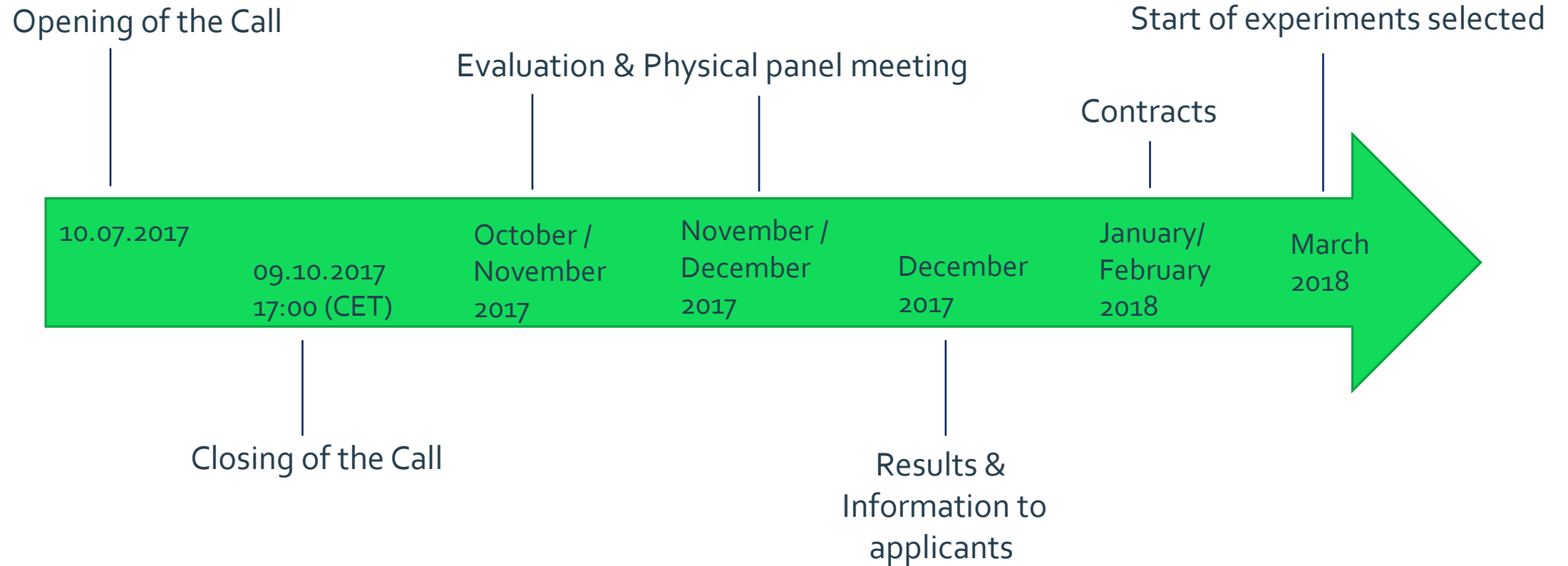
- Basic information
- Detailed timeline
- Evaluation
- Tools

Details Call: RobMoSys-1FORC



- Number of experiments to be funded in the first Call: **6-7**
- Total indicative funding : € **2,000,000**
- Maximum budget granted to one experiment: € **300,000**
- Max. budget per institution cross-experimental: € **250,000**
- Funding rate – 100% (non-profit), 70% (for-profit) of direct costs
 - plus 25 % overheads
- 25% of prefunding
- Duration of participation: **12 months**

Timeline Open Call 1



Eligibility for funding

The following **software development activities** are eligible for funding:

- **Models**

- Composable models of components (ports, blocks, connectors enriched with composition constraints, resource requirements, etc.).
- Models of system-level composition (system composed out of models of components) within a relevant use-case (composition for design-time or run-time composability).
- Models to realise an architectural pattern, a design principle or best practice.

- **Tools and Meta-Models**

- Extensions and/or improvements of, the provided RobMoSys meta-models (for instance for additional non-functional concerns such as Quality of Service, timing, performance, etc.).
- Extensions and/or improvements of, the provided RobMoSys tools baseline (e.g. for design-time predictability, sanity checks, composability analysis, formal conformance verification, etc.).

Expected Skills portfolio of successful consortia



Proposals are expected from single legal entities or small consortia.

- offering complementary, multi-disciplinary competences beyond the mainstream robotics community;
- for example, robotics experts teaming up with software engineering people, or tool builders, or experts from automotive, aerospace, embedded, cyber physical systems.
- Tandems with complementary expertise are especially encouraged, e.g.:
 - software engineering + robotics,
 - industry (SME, large industry, small-craft industry) + academia,
 - robotics expert + domain expert.

Open Call Management Platform



Open Call Website managed by TUM:
<http://opencalls.robmosys.eu/forms/17/overview>

- Call text
 - The call in a nutshell
- Guide for applicants
 - Detailed information (content and administration)
- Proposal template
 - To be completed for proposal submission
- Link to the ticketing system
 - Helpdesk for questions
opencalls@robmosys.eu

Information to be provided



Partner 4 (optional)
-- Create new partner --

Legal Name of Organization *

PIC

PIC is
 permanent
 provisional

Short Name of Organization

Department

Street

ZIP Code

City

Country
-- Select country --

Status of the Organisation
Natural person

Primary Contact Title

Primary Contact First Name

Primary Contact Phone Number

Primary Contact Gender
 Male
 Female

Primary Contact Email

Secondary Contact Title (optional)

Secondary Contact First Name (optional)

Secondary Contact Last Name (optional)

Secondary Contact Phone Number (optional)

Secondary Contact Gender (optional)
 Male
 Female

Secondary Contact Email (optional)

Add a keyword for organization

Keyword 1 *	Keyword 2 *	Keyword 3 *
Keyword 1	Keyword 2	Keyword 3
Keyword 4 *	Keyword 5 *	Keyword 6 *
Keyword 4	Keyword 5	Keyword 6

Partner 1:

H2020 - Academia

Category	Expenses	Funding Rate	Funded Expenses	Overhead	Funded Overhead	Sum	Explanation
Personel Cost ▾	10.000 EUR	100 %	10.000 EUR	25 %	2.500 EUR	12.500 EUR	
Salary Level	Monthly Income	Man-month	Sum	Explanation	Action		
E14-1	3.600 EUR	1	3.600 EUR	Post-Doc	Delete		
E13-1	3.200 EUR	2	6.400 EUR	Ph.D. stude	Delete		
Add new row							
Sum			3	10.000 EUR			
Travels	1.000 EUR	100 %	1.000 EUR	25 %	250 EUR	1.250 EUR	Kick-off mee
Equipment ▾	11.000 EUR	100 %	11.000 EUR	25 %	2.750 EUR	13.750 EUR	
Item	Cost	Dep. Time in Project ?	Depreciation Time ?	Funded by Project	Explanation	Action	
Robot Arm	50.000 EUF	12	60	10.000 EUR	Required fo	Delete	
Laser Rang	5.000 EUR	12	60	1.000 EUR	SLAM and r	Delete	
Add new row							
						1.250 EUR	Explanation
						1.000 EUR	Explanation
						29.750 EUR	

General Information

Proposal Name *

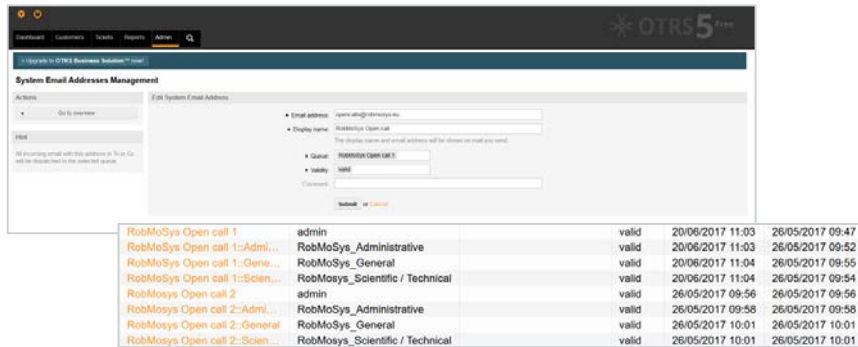
Proposal Short Name *

Proposal Document *

Browse... No file selected.

Ticketing System

Taking into account that the EU requires to keep a comprehensive archive of all the correspondence throughout the Open Call stage, the group at TUM implemented the Helpdesk over a ticket platform (in OTRS5) to handle the inquiries of the different topics related to the CEoI for RobMoSys



Ticketing System (OTRS5)
Managed by TUM: opencalls@robmosys.eu

- General Questions
handled by : CEA, KUL, HSU & TUM
- Administrative Questions
handled by: TUM
- Scientific Questions
handled by: CEA, KUL & HSU
- Link to the Ticketing System:
Helpdesk for questions

Evaluation Process

Pre-Proposal: can be submitted through the open calls platform during the first nine weeks and will be evaluated and commented within a reasonable time (usually 5 working days - evaluation done by members of the RobMoSys consortium)

Step 1 – remote evaluation



Step 2 – physical panel meeting

- Evaluation will be done by two acknowledged evaluators with renowned expertise
- A third independent evaluator will then do the consensus reporting
- The final selection will be done on a physical panel meeting attended by a shortlist of the evaluators of Step 1
- The final selection will be communicated to the EC
- The applicants will get an evaluation report with their results