

euRathlon 2015

17th - 25th September 2015,

Piombino, Italy

Team Information Form

Team Details

Team Name: ICARUS

Institution/Company: ICARUS FP7 Project



Logo:

Website: <http://www.fp7-icarus.eu>

Home location of team: Europe (Belgium, Germany, Poland, Portugal and Spain)

Name of team leader: Daniel Serrano



Picture of team leader:

When was the team established (year): 2012

Team Description (including names of the team members):

1. José Almeida (Portuguese - INESC)
2. Christopher Armbrust (German, Technical University of Kaiserslautern - UKL)
3. Haris Balta (Bosnia and Herzegovina, Royal Military Academy - RMA)
4. Janusz Bedkowski (Polish, Institute of Mathematical Machines - IMM)
5. Halil Beglerovic (Bosnia and Herzegovina, RMA)
6. Karsten Berns (German, UKL)
7. Nuno Cruz (Portuguese - INESC)

8. Andrea De Maio (Italian, Space Application Services - SPACE)
9. André Dias (Portuguese - INESC)
10. Guillaume Fau (French, SPACE)
11. Bruno Ferreira (Portuguese - INESC)
12. Hugo Ferreira (Portuguese - INESC)
13. André Figueiredo (Portuguese - INESC)
14. Jérémi Gancet (French, SPACE)
15. Geert de Cubber (Belgian, RMA)
16. Shashank Govindaraj (Indian, SPACE)
17. Pierre Letier (Belgian, SPACE)
18. Karol Majek (Polish, IMM)
19. Piotr Majek (Polish, IMM)
20. Alfredo Martins (Portuguese, INESC)
21. Aníbal Matos (Portuguese, INESC)
22. Germán Moreno (Spanish, ASCAMM Technology Centre)
23. Paweł Musialik (Polish, IMM)
24. Atabak Nezhadfar (Iranian, UKL)
25. Michał Pełka (Polish, IMM)
26. Thomas Pfister (German, UKL)
27. Gonzalo Rodríguez (Spanish, SPACE)
28. Pedro Antonio Ruiz (Spanish, INTEGRASYS)
29. Joseph Salini (French, SPACE)
30. Jose Manuel Sanchez (Spanish, INTEGRASYS)
31. Daniel Serrano (Spanish, ASCAMM)
32. Torsten Siedel (German, SPACE)
33. Ernesto Teniente (Mexican, ASCAMM)
34. Massimo Tosa (Italian, UKL)
35. Santi Vilargada (Spanish, ASCAMM)

Team Sponsors (if any):

Contact Details

Team E-mail: dserrano@ascamm.com

Institution/Company: Fundació Privada ASCAMM

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If you are a single- or two-domain team, do you wish to team-up before or during the competition to create a multi-domain team? We are multi-domain already.

euRathlon 2015 Scenarios selection

Please check all scenarios you wish to enter and give the name(s) of the robot(s) you plan to use in each scenario.

euRathlon 2015 Scenarios		Domain	Name of the robot(s)
	The Grand Challenge: Combined air, land and sea.	Air:	ASCAMM -LIFT-V ASCAMM -LIFT-VI
		Land:	UKL-SUGV RMA-IMM-tEODor
		Sea:	INESC_ROAZ INESC_MARES
	Sub-challenge (L+A): Survey the building and search for a missing worker.	Land:	UKL-SUGV RMA-IMM-tEODor
		Air:	ASCAMM -LIFT-V ASCAMM -LIFT-VI
	Sub-challenge (S+A): Pipe inspection and search for a worker.	Sea:	INESC_ROAZ INESC_MARES
		Air:	ASCAMM -LIFT-V ASCAMM -LIFT-VI
	Sub-challenge (L+S): Stem the leak.	Land:	UKL-SUGV RMA-IMM-tEODor
		Sea:	INESC_ROAZ INESC_MARES
	Land Trial (L1): Reconnaissance in urban structure.	Land:	UKL-SUGV RMA-IMM-tEODor
	Land Trial (L2): Mobile Manipulation (valve open/closing).	Land:	UKL-SUGV
	Sea Trial (S1): Navigation and environmental survey.	Sea:	INESC_ROAZ INESC_MARES
	Sea Trial (S2): Leak localisation and valve open/closing.	Sea:	INESC_ROAZ INESC_MARES
	Air Trial (A1): Aerial detection and mapping.	Air:	ASCAMM -LIFT-V ASCAMM -LIFT-VI
	Air Trial (A2): Aerial reconnaissance inside a building.	Air:	

NOTE-1: This is an indicative table. New robots/scenarios may be added or substituted before the competition, in which case a new vehicle specification sheet and/or updated SAP must be submitted.

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NOTE-2: If you wish to participate in the Grand Challenge, we strongly recommend that you participate in sub-challenges and trials, as they have been designed as training for the GC. Two-domain and three-domain teams who wish to participate in the Grand Challenge will be expected to participate in a minimum of two sub-challenges and four trials.