

Activities 2008

IEEE Latin America Robotics Committee

During the month of October, 2008, the following events were realized, patrocined by *IEEE R9 Robotics Sub-Committee* and by *Latin America Robocup Committee*, at Salvador, Bahia, Brasil:

- 7th IEEE Latin American Robotics Contest for Students (LARC 2008)
- 4nd Latin American RoboCup Open (LA RoboCup OPEN 2008)
- 5rd IEEE Latin American Robotics Symposium (LARS 2008)

A. LARC 2008 & LA RoboCup OPEN 2008

The 7th IEEE Latin American Robotics Contest for Students (LARC 2008) and 4th Latin American RoboCup Open (LA RoboCup OPEN 2008) was realized between 25th and 30th of October, 2008, at Hotel Bahia Othon Palace, Salvador, Bahia, Brasil. General organizer, for both events is Adelardo Adelino Dantas de Medeiros, Professor at Federal University of Rio Grande do Norte, Brasil. Professor Cristiane Paim was the Local Organizer of the Competitions.

The LARC 2008 had competitions for categories Standard Educational Kits (SEK), Open, and Very Small Soccer. The LA Robocup Open had competitions for categories RoboCup Small Soccer F-180, RoboCup Soccer Simulation Mixed Reality, RoboCup Soccer Simulation 2D, RoboCup Rescue Simulation Virtual Robots, RoboCup Junior Rescue, RoboCup Junior Dance, and RoboCup Junior Soccer. Overall, 33 teams participated at LARC, from Brasil (14), Chile (4), México (5), Venezuela (5) and Colômbia (5), and other 33 participated at LA Robocup Open 2008 including teams from Brasil (24), Iran (6), China (1), Netherland (1) and Germany(2). Distribution in categories can be seen in ther following tables, with results.

IEEE OPEN

Teams	Country	TDP
1. Blue Team (Colombia)	Colombia	Link
2. Chiv-One (Venezuela)	Venezuela	Link (NC)
3. Equipe O	Brasil	Link
4. ERUZ (Venezuela)	Venezuela	Link
5. G.E.D. Dragon (Col)	Colombia	Link
6. G.E.D. Escorpion (Col)	Colombia	Link
7. Guardianes (Colombia)	Colombia	Link
8. Instituto Nacional (Chile)	Chile	Link (NC)
9. Leão do Norte (POLI-UPE)	Brazil	Link
10. Los Resucitados (Chile)	Chile	Link
11. Murphy (UCDB-MS)	Brasil	Link

12.	Pumas Mexico (Mexico)	Mexico	Link
13.	Pumas UNAM (Mexico)	Mexico	Link
14.	RoboFEI (FEI-SP)	Brasil	Link (NC)
15.	ROBOTA (UFSC)	Brasil	Link
16.	Sandalphon (Mexico)	Mexico	Link
17.	UnespTroyers (Unesp-Sorocaba)	Brasil	Link
18.	UTABOT (Chile)	Chile	Link
19.	Zenick (Colombia)	Colombia	Link
20.	Z-Tronics (UNIP-DF)	Brasil	Link

Summary: Brazil: 7 Colombia: 5 Chile: 3 Mexico: 3 Venezuela: 2

Results of IEEE OPEN

Latin American Competition:

1st place: Pumas UNAM

2nd place: G.E.D. Escorpion

3rd place: Blue Team

Brazilian Robotics Competition (Competição Brasileira de Robótica):

1st place: Murphy

2nd place: ROBOTA

3rd place: Leão do Norte

IEEE SEK

Teams	Country	TDP
1. Caerus (Venezuela)	Venezuela	Link
2. eRobotica LEGO TEAM (UFCG)	Brasil	Link (NC)
3. ERUZ (Venezuela)	Venezuela	Link
4. Legión Dragón (Mexico)	Mexico	Link
5. Pegasos (Mexico)	Mexico	Link
6. ROBOSAN-0 (Chile)	Chile	Link
7. sp15.gia.usb.ve (VEN)	Venezuela	Link (NC)
8. UFES Ultrabots (UFES-ES)	Brasil	Link
9. Z-Tronics (UNIP-DF)	Brasil	Link

Summary: Brasil: 3 Venezuela: 3 Mexico: 2 Chile: 1

Results of IEEE SEK

Latin American Competition:

1st place: UFES Ultrabots

2nd place: Pegasos

3rd place: Robosan-0

Brazilian Robotics Competition (Competição Brasileira de Robótica):

1st place: UFES Ultrabots

2nd place: Z-Tronics

IEEE VerySmall

Teams	Country	TDP
1. Hard Soccer(UFES-ES)	Brasil	Link
2. POTI (UFRN-RN)	Brasil	Link
3. RoboFEI (FEI-SP)	Brasil	Link
4. USPDroids	Brasil	Link

Summary: Brasil: 4

Results of IEEE Very Small

Latin American and Brazilian Competitions:

1st place: POTI

2nd place: ROBOFEI

3rd place: USPDroids

Robocup 2D

Teams	Country	TDP
1. AUTNemesis	Irã/Iran	Link
2. Bahia2D (UNEB/FIB-BA)	Brasil	Link
3. BlitzKrieg (UFES-ES)	Brasil	Link
4. Gargalos FC (UFES)	Brasil	Link
5. GEAR (USP/SC-SP)	Brasil	Link
6. Iran (Iran)	Irã/Iran	Link
7. JMU (China)	China	Link
8. MecaTeam (UFBA)	Brasil	Link
9. Nexus (Iran)	Irã/Iran	Link
10. PET_Soccer_2D (UFES-ES)	Brasil	Link
11. Robotoos1 (Iran)	Irã/Iran	Link
12. Robotoos2 (Iran)	Irã/Iran	Link
13. USPSIM (USP-SC)	Brasil	Link

Summary: Brasil: 7 Irã/Iran: 5 China: 1

Results of Robocup 2D

Latin American and Brazilian Competition:

1st place: PET-SOCCER

2nd place: BAHIA 2D

3rd place: MECATEAM

Robocup 2D OPEN:

1st place: IRAN

2nd place: AUTNEMESIS

3rd place: JMU

Robocup F180 Small Size

Teams	Country	TDP
1. FURGBOL (FURG-RS)	Brasil	Link
2. GEAR (USP/SC-SP)	Brasil	Link
3. RoboFEI (FEI-SP)	Brasil	Link

4.	Z-Tronics (UNIP-DF)	Brasil	Link
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Summary: Brasil: 4

Results of Robocup F180 Small Size

Latin American and Brazilian Competition:

1st place: FURGBOL

2nd place: GEAR

3rd place: Z-Tronics

Robocup MR

Teams	Country	TDP
1. BahiaMR (UNEB/FIB-BA)	Brasil	Link
2. FURGBOL (FURG-RS)	Brasil	Link
3. POTI (UFRN-RN)	Brasil	Link

Summary: Brasil: 3

Results of Robocup MR

Latin American and Brazilian Competition:

1st place: BAHIAMR

2nd place: FURGBOL

3rd place: POTI

Robocup Virtual Robots Rescue

Teams	Country	TDP
1. Amsterdam Oxford Rescue Forces	Holanda	Link
2. Nexus (Iran)	Iran	Link
3. eRobotica Rescue TEAM	Brasil	Link

Summary: Brasil: 1 Holanda/Netherlands/Países Bajos: 1 Irã/Iran: 1

Results of Robocup Virtual Robots Rescue

Latin American and Brazilian Competition:

1st place: eRobotica Rescue Team (UFCG/ITA/UNESP)

Robocup VR Rescue OPEN:

1st place: Amsterdam Oxford Rescue Forces

2nd place: eRobotica Rescue Team (UFCG/ITA/UNESP)

Robocup Rescue Junior

Teams	Country	TDP
1. AVR-1 (Germany)	Germany/Alemanha	Link
2. AVR-2 (Germany)	Germany/Alemanha	Link
3. CIC GEN BRAZIL	Brasil	Link

4.	CIC Rescue 1	Brasil	Link
5.	CIC Rescue 2	Brasil	Link
6.	CRA Rescue 1	Brasil	Link
7.	CRA Rescue 2	Brasil	Link (NC)
8.	CRA Rescue 3	Brasil	Link
9.	CRA Rescue 4	Brasil	Link (NC)
10.	Erri-U (Vitória-ES)	Brasil	Link

Summary: Brasil: 8 Germany/Alemanha: 2

Results of Robocup Rescue Junior

Latin American and Brazilian Competition:

1st place: CRA-Rescue 3

2nd place: Erri-U

3rd place: CIC-Rescue 2

Robocup VR Rescue OPEN:

1st place: Team AVR-1

2nd place: Team AVR-2

3rd place: CRA-Rescue 3

Robocup Brazilian Primary School :

1st place: CIC-Rescue

2nd place: CRA Rescue 1

There was travel support for 9 teams who participated in the competitions at Salvador, given by IEEE R9 (Latin America).

More details about competitions including organizing Committees can be found at <http://jri2008.dca.ufrn.br/LARC/>. The teams that participated and results can be found at <http://www.fei.edu.br/~flaviot/LARC2008/equipas.htm>.

B. LARS 2008

IEEE Latin American Robotics Symposium 2008 (LARS 2008) was realized between 27th and 30th of October, 2008, at Bahia Othon Palace, Salvador, Brasil. General organizer, is Professor Augusto Loureiro da Costa, Associate Professor at Departamento de Engenharia Elétrica of Universidade Federal da Bahia. Professor Adelardo Adelino Medeiros is the organizer for Intelligent Robotics Journey that includes LARS. Professor Pablo Javier Alsina was the Technical Chair for LARS 2008.

LARS 2008 has received 53 submissions for Full Papers, that were reviewed by an International Committee, from which 31 (58% acceptance rate) were selected for presentation. Selected articles came from 8 countries, being 6 from Latin America (Brasil, Chile, Mexico, Venezuela, Colombia, Peru) and 2 outside (Germany and Iran).

LARS has had about 200 participants, including participants registered for Team Description Papers, that was also held as part of LARS. More details on LARS 2008 can be found at the web <http://jri2008.dca.ufrn.br/LARS/>.

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