

PROGRAMME

November 12, 2014

9.00 - 20.00

Registration of participants
(ROOM: 3-208)
&
Accommodation

November 13, 2014

8⁰⁰ - 9⁰⁰ - Breakfast

9⁰⁰ - 10⁰⁰ - Registration of participants

10⁰⁰ - 11⁰⁰ - Opening of the Competition:

11⁰⁰ - 13⁰⁰ - Project Design,

13⁰⁰ - 15⁰⁰ - Lunch,

15⁰⁰ - 18⁰⁰ - Project Design,

18⁰⁰ - 19⁰⁰ - Supper,

19⁰⁰ - 21⁰⁰ - Project Design.

November 14, 2014

8⁰⁰ - 9⁰⁰ - Breakfast.

9⁰⁰ - 14⁰⁰ - ROOM - ECIT: Slideshow Public

Projects presentation (10 min for team)

& Public Projects presentation

(10 min for team).

14⁰⁰ - 15³⁰ - Lunch.

16⁰⁰ - 18⁰⁰ - Award Ceremony.

18⁰⁰ - 19⁰⁰ - Supper.

19⁰⁰ - 21⁰⁰ - Cultural Program.

November 15, 2014

8⁰⁰ - 17⁰⁰ - Individual Programs & Departure
of Participants.

The Sponsors & Technical Supports

Technical University of Moldova



"QSystems" SRL



The Third International
Competition on

Mobile Systems

“Earth Rover – 2014”

3L & 3M

Invitation Paper

November 12-15, 2014

Faculty of Computers, Informatics &
Microelectronics

Technical University of Moldova,
Chisinau,
Republic of Moldova

Chișinău, 2014

3L & 3M Competition

Jury members

President: *Sponsors representation*

Members: *Sponsors representation*

ORGANIZING COMMITTEE

President: Ion Balmuş, Chişinău

Members: Victor Ababii, Chişinău
Radu Melnic, Chişinău
Mariana Catruc, Chişinău
Victor Beşliu, Chişinău
Viorel Bostan, Chişinău
Anatolie Casian, Chişinău
Emilian Guţuleac, Chişinău
Vasile Moraru, Chişinău
Al. Romanenko, Chişinău
Victor Şontea, Chişinău
Boris Varzari, Chişinău

ABOUT THE COMPETITION

3L & 3M

1. Low Cost,
2. Low Mass,
3. Low Power Consumption.

&

1. Maximum Efficiency,
2. Maximum Functionality,
3. Maximum Mobility.

Jury assessment of the:

1. Public show presentation,
2. Slide show presentation,
3. Functionality demonstration.

Competition Contact:

Technical University of Moldova,

**Computers, Informatics &
Microelectronics Faculty,**

Studentilor str. 9/7,

Chişinău, Republic of Moldova

Fone/fax: 373-22-509-905,

**E-mail: balmus@mail.utm.md,
ababii@mail.utm.md.**

Web:

<http://www.3Land3M.csct.utm.md>

IMPORTANT DATES:

- Registration of teams: [November 12, 2014](#);
- Registration of Projects: [November 12, 2014](#);
- Opening of the Competition: [November 13, 2014, 10.00 AM](#);
- Beginning of the Competition: [November 13, 2014; 11.00 AM](#).

Conditions for participation to the competition:

Competition "Mobile Systems" aims to popularize the student's results in the following domains: robotic systems, mechatronics, computer science, programming and artificial intelligence.

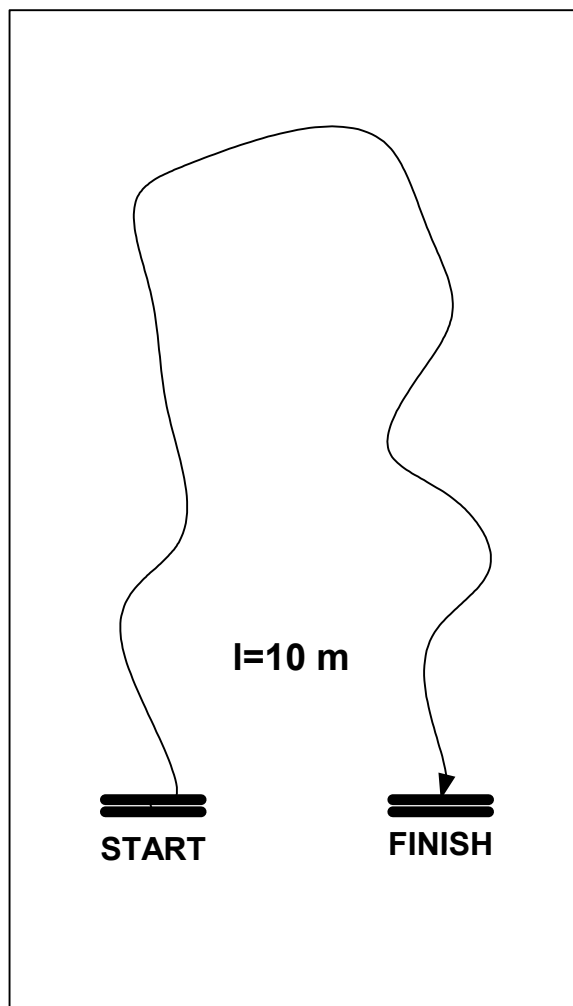
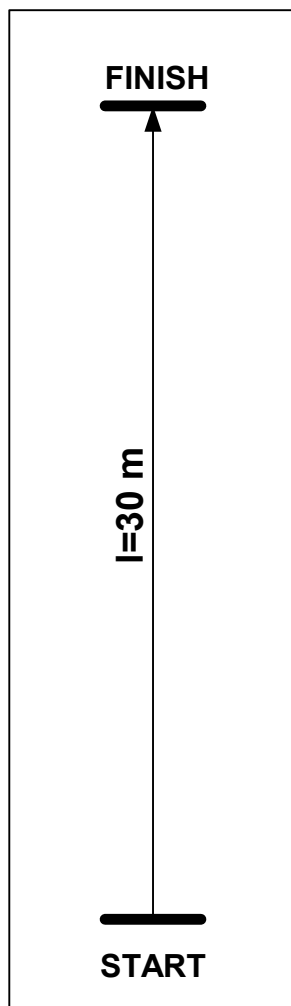
To the competition may be submitted projects developed fully by the students and that accomplish the following quality criteria:

- minimal cost;
- minimum mass (max 5 kg);
- low power consumption;
- maximum autonomy;
- maximum mobility;
- advanced functionality.

Projects submitted to the competition will be judged according to the following criteria:

- Public presentation of the project (Slide show) with detailed technical parameters: mass, cost, power consumption, functionality;

- Practical part (options):
 - speed race (30 m);
 - movement on a defined route (10 m);
 - functional presentation.



Condiții de participare la concurs:

Concursul „Sisteme Mobile” are scopul de popularizare a rezultatelor obținute de studenți în domeniul: sisteme robotice, mecatronică, tehnică de calcul, programare și inteligență artificială.

La concurs pot fi prezentate proiecte elaborate integral de studenți și care îndeplinesc următoarele criterii de calitate:

- cost minimal;
- masă minimală (max 5 Kg);
- consum redus de energie;
- autonomie maximală;
- mobilitate maximală;
- funcționalitate avansată.

Proiectele prezentate la concurs vor fi apreciate de către juriu conform următoarelor criterii:

- Prezentarea publică a proiectului (Slide show) prin descrierea detaliată a parametrilor tehnici: masă, cost, consum de energie, funcționalitate;
- Partea practică (selectiv):
 - cursă la viteză (30 m);
 - deplasare pe un traseu definit (10 m);
 - prezentare funcțională.

