

## PROGRAMME:

October 17, 2017

9.00 - 17.00

Registration of participants  
(ROOM: 3-208)

October 18, 2017

8.00 - 10.00

Registration of participants  
(ROOM: 3-208)

October 18, 2017

8<sup>00</sup> – 9<sup>00</sup> – Breakfast

10<sup>00</sup> – 11<sup>00</sup> – Opening of the Competition:

11<sup>00</sup> – 13<sup>00</sup> – Project Design,

13<sup>00</sup> – 15<sup>00</sup> – Lunch,

15<sup>00</sup> – 18<sup>00</sup> – Project Design,

18<sup>00</sup> – 19<sup>00</sup> – Supper,

19<sup>00</sup> – 21<sup>00</sup> – Project Design.

October 19, 2017

8<sup>00</sup> – 9<sup>00</sup> – Breakfast

9<sup>00</sup> – 13<sup>00</sup> – Project Design,

13<sup>00</sup> – 15<sup>00</sup> – Lunch,

15<sup>00</sup> – 18<sup>00</sup> – Project Design,

18<sup>00</sup> – 19<sup>00</sup> – Supper,

19<sup>00</sup> – 21<sup>00</sup> – Project Design.

October 20, 2017

8<sup>00</sup> – 9<sup>00</sup> – Breakfast.

9<sup>00</sup> – 14<sup>00</sup> – ROOM - ECIT: Slideshow Public  
Projects presentation (15 min for team)  
& Public Functionality Demonstration  
(15 min for team).

14<sup>00</sup> – 15<sup>30</sup> – Lunch.

16<sup>00</sup> – 18<sup>00</sup> – Award Ceremony.

18<sup>00</sup> – 19<sup>00</sup> – Supper.

19<sup>00</sup> – 21<sup>00</sup> – Cultural Program.

October 21, 2017

8<sup>00</sup> – 17<sup>00</sup> – Individual Programs & Departure  
of Participants.

## The Sponsors & Technical Supports

Technical University of Moldova



"QSystems" SRL



The Fifth International  
Competition on

*Mobile Systems*

**“Earth Rover – 2017”**

**3L & 3M**

Dedicated to 50<sup>th</sup>  
anniversary of  
Computers, Informatics  
and Microelectronics  
Faculty

# Invitation

October 17-21, 2017

Faculty of Computers, Informatics &  
Microelectronics,  
Technical University of Moldova,  
Chisinau,  
Republic of Moldova

Chișinău, 2017

## **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

Dumitru Ciorba, Chişinău

Ion Fiodorov, Chişinău

Vasile Rusu, Chişinău

Vasile Moraru, Chişinău

Al. Romanenko, Chişinău

Victor Şonţea, Chişinău

Viorica Sudacevschi, 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: [ion.balmus@fcim.utm.md](mailto:ion.balmus@fcim.utm.md),  
[victor.ababii@calc.utm.md](mailto:victor.ababii@calc.utm.md).

#### **Web:**

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

### **IMPORTANT DATES:**

- Registration of teams: [October 01, 2017](#);
- Registration of Projects: [October 10, 2017](#);
- Opening of the Competition: [October 18, 2017, 10.00 AM](#);
- Beginning of the Competition: [October 18, 2017; 11.00 AM](#).
- Projects presentation: [October 20, 2017; 9.00 AM](#).

## Conditions for participation to the competition:

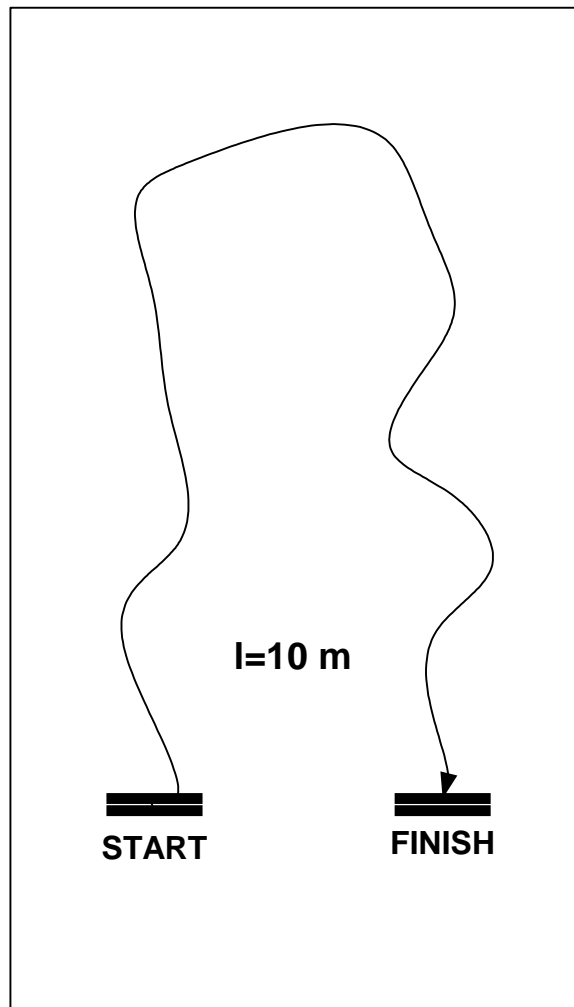
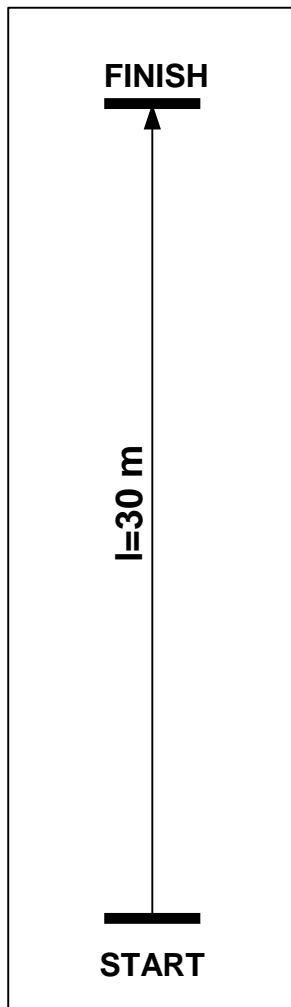
Competition "Mobile Systems" aims to popularize the student's results in the following domains: robotic systems, mechatronics, computer science, programming and artificial intelligence.

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

- minimal cost;
- minimum mass;
- 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;
- 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.

