

## PROGRAMME

**November 21, 2018**

9.00 - 18.00

Registration of participants  
(ROOM: 3-208)

**November 22, 2018**

8.00 - 10.00

Registration of participants  
(ROOM: 3-208)

**November 22, 2018**

8<sup>00</sup> - 10<sup>00</sup> - Breakfast

10<sup>00</sup> - 11<sup>00</sup> - Opening and Start of the  
Competition:

11<sup>00</sup> - 13<sup>00</sup> - Project Design and Testing,  
13<sup>00</sup> - 15<sup>00</sup> - Lunch,

15<sup>00</sup> - 18<sup>00</sup> - Project Design and Testing,  
18<sup>00</sup> - 19<sup>00</sup> - Supper,

19<sup>00</sup> - 20<sup>00</sup> - Project Design and Testing.

**November 23, 2018**

8<sup>00</sup> - 9<sup>30</sup> - Breakfast.

9<sup>30</sup> - 10<sup>00</sup> - ICTEC TekWill:

Official Ceremony;

10<sup>00</sup> - 14<sup>00</sup> - ICTEC TekWill:

Slideshow Public Projects presentation  
(5 min for team),

& Public Functionality Demonstration  
(5 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.

**November 24, 2018**

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

## The Sponsors

&

## Technical Supports

Technical University of Moldova



„ICG -  
Engineering”  
SRL  
„Info World”  
SRL



IAW  
Internationale  
Akademie  
“M-Testing”  
SRL



The Sixth International  
Competition  
on

*Mobile Systems*  
“Earth Rover – 2018”

**3L & 3M**

## Invitation

November 22-24, 2018

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

Chișinău, 2018

## 3L & 3M Competition Jury members

**President:** *Mircea BERNIC - Prorector  
UTM*

**Members:** *Veaceslav ANASTASENCO  
– Allied Testing SRL  
Marc SAFEANIUC -  
ORANGE Moldova  
Nicolae STROPSA –  
ENDAVA SRL  
Galina MARUSIC -  
ANACEC  
Dmitri CALUGARI –  
IGC - Engineering*

## ORGANIZING COMMITTEE

**President:** Ion Balmuș, Chișinău

**Members:** Victor Ababii, Chișinău  
Gheorghe Ceban, Chișinău  
Irina Cojuhari, Chișinău  
Dumitru Ciorba, Chișinău  
Ionel Sanduleac, Chișinău  
Victor Sontea, Chișinău  
Viorica Sudacevschi, Chișinău

## 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,

Chișinău, 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: [November 10, 2018](#);
- Registration of Projects: [November 15, 2018](#);
- Start of the Competition: [November 22, 2018, 10.00 AM \(ROOM 3-208\)](#);
- Public Projects presentation & Functionality Demonstration: [November 23, 2018; 10.00 AM \(ICTEC TekWill\)](#).

## 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.

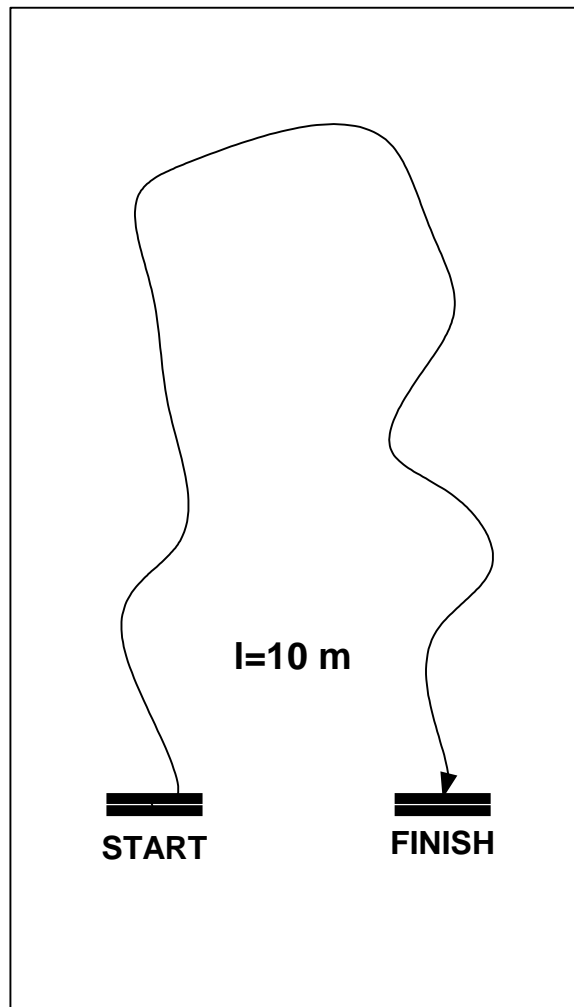
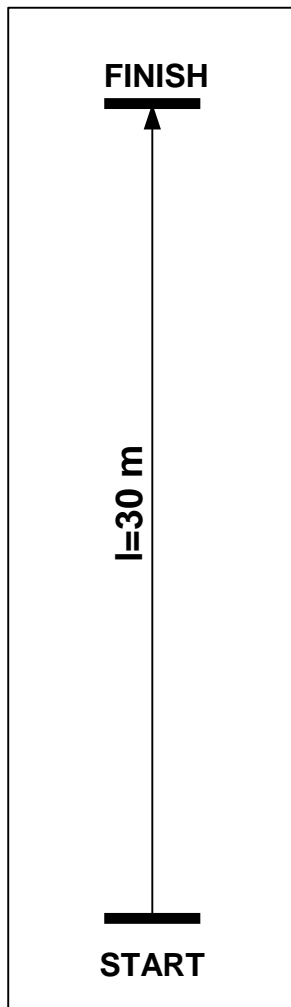
To the competition may be submitted projects developed fully by the students and that accomplish the following quality criteria:

- 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 (free style).



## 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 (prezentare liberă).

