University POLITEHNICA of Bucharest
Faculty of Electronics, Telecommunications and Information Techology
Electronics Students League

MobilPRO 2016 - Innovation and Mobility
--- Edition III ---

Components:
- ✓ Training and activities center
- ✓ Software developers community
- ✓ Software applications and ideas contest

Sections in MP 2016:
- ✓ Intelligent automobiles
- ✓ Mobile Applications
- ✓ Internet of Things

Location:
- ✓ Bucharest, UPB Library

Final Stage:
- ✓ March 18-19, 2016

Website:
- www.mobilpro.lse.org.ro

Organizers:
- ✓ LSE
- ✓ ETTI
- ✓ UPB

Target audience:
- ✓ Students (highschool and faculty) from Romania and EU

Expected participants:
- ✓ 25 teams ~ 100 participants

Visitors:
- ✓ 750 - 1000

Budget:
- ✓ 20 000 EUR

Liga Studenților Electroniști
2016 MObil PRO inovare și mobilitate
IDEAS AND SOFTWARE APPLICATIONS CONTEST
3rd edition
MobilPRO
"TRANSFORM YOUR PROJECT INTO YOUR OWN START-UP!"
Bucharest, March 2016
Faculty of Electronics, Telecommunications and Information Technology
intelligent automobile | mobile applications | internet of things
9 DEC
8 IAN
Ideas Register
1st Stage
11 IAN
5 FEB
Ideas Register
2nd Stage
8 FEB
4 MAR
Ideas Register
3rd Stage
7 MAR
16 MAR
Preparation
Project Presentation
18 MAR
19 MAR
Project Presentation
Final Stage
www.mobilpro.lse.org.ro

About MobilPRO

MobilPRO – Innovation and Mobility project is based on an annual contest of ideas and mobile applications, which, beginning with 2016, becomes an annual contest for ideas and software applications'.

MobilPRO represents an initiative started in 2013 by members of Electronic Students League (LSE) and professors from Faculty of Electronic, Telecommunications and Information Technology (ETTI), UPB, and the first edition of it took place in March 2014.

At this moment, the project has three components:

- ✓ Training and activities center: Laboratory and freely chosen discipline in the Faculty of Electronic, Telecommunications and Information Technology, UPB
- ✓ Software developers community: Online platform - forum
- ✓ Ideas and software applications contest: Annual contest organized in March, in UPB

Any edition of the contest will have specific requirements, adapted to every years' edition identified tendencies. In MobilPRO - Innovation and Mobility, 2016 edition, we introduced three distinct themes:

- SECTION 1 - Smart automobiles (CONCEPT + PRESENTATION)
- SECTION 2 - Mobile applications (CONCEPT + DEMO + PRESENTATION)
- SECTION 3 - Internet of Things (CONCEPT + PRESENTATION)

SECTION 2 is the traditional and main theme, around which the entire contest will be centered. The participants must present in the contest an application installed on a mobile device (or a simulator) which is able to meet a minimum of functionality.

For the development of the application it is accepted any mobile platform (any mobile terminal with touchscreen and any operating system).

SECTIONS 1 AND 3 are introduced in premiere in the MobilPRO 2016 edition, in which the participants must present only the concept and to prepare a presentation for it; we encourage the functional implementation, but it is not mandatory.

None of the suggested themes force any limitation of technology, platform or programing language used.

Principles and Targets

LSE, along with ETTI, are trying through MobilPRO to support and to cultivate the development of the high quality software in Romania, and also to form a connection between the academic medium and the private one.

The project follows two directions:

- organizing the contest for ideas and software applications
- forming a connection between the academic medium and the private medium; we intend and we wish to combine the directions of the higher education's development with the market needs - thus, projects that can be developed within the program from the faculty, can be used by the students to promote themselves among the most important employers or investors from the IT field.

MobilPRO's principle is to encourage the development of original applications. In order to attract and to promote the best participants in the contest, we also accept the projects which were already presented in other competitions, and we strongly encourage the future participations.
To express our recognition and recommendation, every contestant receives a certificate of participation from the ETTI Faculty and from UPB.

LSE's objectives are:

- contributing to the professional, personal and entrepreneurial development of ETTI students
- promoting a model for professional community, dynamic and quality oriented, around three international projects: CareerTeam, MobilPRO and Robochallenge.

Organizers

The organizers of the MobilPRO - Innovation and Mobility competition are:

- POLITEHNICA University from Bucharest (UPB),
- Faculty of Electronics, Telecommunications and Information Technology (ETTI)
- Electronic Students League (LSE) from ETTI Faculty.

Calendar

„MobilPRO – Inovare și Mobilitate" 2016 edition will take place in the period 9th December 2015-1st April 2016, according to the calendar from the official site of the competition, www.mobilpro.lse.org.ro

PHASE 1 of Registration	9 December 2015 – 8 January 2016
PRESELECTION	8 January – 11 January 2016
PHASE 2 of Registration	11 January 2016 – 5 February 2016
PRESELECTION	5 February – 8 February 2016
PHASE 3 of Registration	8 February 2016 – 4 March 2016
PRESELECTION	4 March – 7 Martie 2016
PREPARATIONS for sustaining the projects	4 March – 16 March
THE OFFICIAL OPENING MobilPRO 2016	17 March
FINAL STAGE	18 March -19 March
The announcing of the awards	20 Martie - 31 Martie

The participants

„MobilPRO – Innovation and Mobility" is for all students (license or master) and students from high schools that are at least 14 years old at the moment of their registration. The participation is free.

The participants will be organized in teams in the competition and every team can be composed of one to a maximum of 5 members and no more than one coordinator (mentor/guide/tutor), with respect to the rules of the present Regulation.

The coordinator must meet the minimum condition of being a graduate of an institution of higher education in the country or abroad. Each member can be part of one team. In order to enter the competition, participants must agree to all the stipulations of this Regulation.

Contest sections –2016 edition

There are 3 sections of the contest:

SECTION 1 – Intelligent automobiles (CONCEPT + PRESENTATION)

Since the technological means which require the implementation of such a project are more costly, for the first year in which the section is introduced, competitors can only prepare a formal presentation of the idea of the application. In this section the focus will be on the quality of the software architecture and the innovative potential of the idea.

Examples of types of projects that could participate in MobilPRO 2016: applicability in transport systems, in monitoring the auto networks, autonomous automobile prototypes, navigation systems, parking management systems etc.

SECTION 2 – Mobile applications (CONCEPT + DEMO + PRESENTATION)

We accept all types of mobile applications and their grouping is made after the list of applications that passed the stage of prejudging is completed. Participants should prepare both a formal presentation of the idea and a demonstration of operation of the implemented applications.

Examples of types of applications that might participate in MobilPRO 2016: Applications for gaming, educational, multimedia, used for measurement, social platforms, navigation, communication and information etc.

SECTION 3 – Internet of Things (CONCEPT + PRESENTATION)

Since the technological means which require the implementation of such a project are more costly, for the first year in which the section is introduced, competitors can only prepare a formal presentation of the idea of application. In this section the focus will be on the quality of the software architecture and the innovative potential of the idea.

Examples of types of projects that could participate in MobilPRO 2016: Housing and intelligent housing systems, systems with applications in agriculture, biometrics, banking, information security, meteorology, tourism, architecture etc.

None of these sections does not have constrains regarding the technologies, platforms or programming languages used.

Target audience

The target audience is formed by

- participants (students from Romania and UE),
- professors,
- partner companies (sponsors/supporters),
- sustained companies (startups),
- ETTI alumnus community,
- investors

Jury. Awards

The jury is composed by ETTI and LSE representatives along with MobilPRO representative partners'. The projects are evaluated by 5 criteria establised by the organizers and divided like this:

ETTI - 30 % LSE - 30 % Partners - 40 %

Jury's score and awards are given according to the contest's sections.

The evaluation criteria are: degree of innovation, design, quality source code / architecture, optimization degree, presentation way.

Besides the Jury Awards, MobilPRO partners are able to offer special mentions to favorite projects, according to their own criteria.

Also, in addition to the prizes awarded by the Jury/Partners, it is possible to be granted scholarships/financing to support the development of the projects.

Previous Editions

- 100 participants
- 80 volunteers in organization
- 35 total teams
- 26 prizes and mentions
- 14 jury members
- 23 teams with members from ETTI
- 5 teams with members from ACS
- 7 teams from the Romania
- 14 teams with students with masteral studies
- 10 teams with students from highschool
- 2 mixed teams with members from ETTI and AC
- 2 days for the contest

Directions

- Expanding abroad
- Searching for two types of partners: Employers and Investors
- Encouraging mentoring programs
- Development of the training and activities center from ETTI
- Development of MobilPRO community
- The growth of promoting potential of the participants through our platform CareerTeam (www.careerteam.eu)

Budget

Costs for developing and supporting of the project consists in:

- prizes and participation kits
- Organizational costs
    - Promoting
    - Accommodation and catering
    - Logistics
    - Organization of a networking busyness type cocktail

The total estimated budget of the project for which we are searching for founding is 20 000 Euro.

Partners offer

Media package

- Promotion via social networks
- The logo of MobilPRO on the site
- Article in participation kit

Standard package

- Promoting MobilPRO as a partner, edition 2015-2016 via:
  - Official Facebook page of MobilPRO (http://facebook.com/mobilproetti)
  - Official MobilPRO Website (http://mobilpro.lse.org.ro)
  - Media LSE channels (media partners, official Facebook page, LSE website)
  - Newsletter for participants from previous editions, for all ETTI students, for specialized teachers from ETTI, for partner students organizations , for all LSE partners)
  - Mobile applications developing community from which MobilPRO is part of
  - Promotional materials (flyers, posters, presenting folders) shared by LSE
- Presenting MobilPRO partners during the conferences of which MobilPRO team is present (as an organizer or participant)
- The possibility of representing the partner within the jury team of MobilPRO, in the final stage of the contest
- Access to technical documentation of participant applications the final stage of the contest
- The possibility of awarding a special mention for the favorite project with respect to the criteria imposed by the partner
- Reservation of a stand in the demo zone during the contest
- Mediation of the relation between a participant/a team for a future program of internship, awarding a grant, or the possibility of employment/collaboration*

*With the support of LSE CareerTeam www.careerteam.eu

- Dedicated article on MobilPRO site
- The possibility of including an article in participation kit

Package value:1000 EUR (or 500 EUR and the equivalent of 500 EUR in prizes)

VIP packages

- Standard pack
- Preferential partnership name (ex: IoT Partner)
- Dedicated slide on the first page of the slide
- Dedicated moment during the content
- Dedicated newsletter for LSE database

Package value: 1750 EUR (or 1250 EUR and the equivalent of 500 EUR in prizes)

Custom package

It may be established with the organizers.

Contact

Official Website:
http://mobilpro.lse.org.ro

Photos from previous editions:
http://facebook.com/mobilproetti

Email:
suport@mobilpro.lse.org.ro

Project coordinator (LSE):
Eng. Lucian GRUIA
lucian.gruia@lse.org.ro
(+40) 74444 8599

LSE President:
Eng. Elena-Diana Șandru
diana.sandru@lse.org.ro
(+40) 743 001 833

MobilPRO 2016

www.mobilpro.lse.org.ro

Liga Studenților Electroniști 1990

Facultatea de Electronică, Telecomunicații și Tehnologia Informației

Universitatea POLITEHNICA din București