# **EAP - Applied Electronics Summer School**

# Summary

The 7th edition of EAP Summer School program will take place between June 29th and August 14th 2015, inside the InGeAr laboratory, POLITEHNICA University of Bucharest.

A short desciption with projects and activites from 2014 of the InGeAr laboratory: http://bit.ly/InGeAr\_2014

#### Application

The selection is done based on CVs & letter of intent that must address the following questions: -Menționați cele mai importante 3 activități Extracurriculare la care ați participat în ultimii 3 ani (max 100 cuvinte) - De unde ați aflat de acest program? - În maxim 200 de cuvinte, motivați de ce doriți să participați la Școala de vară EAP 2015

The application is available on http://www.stagiipebune.ro/stagii.html&id=2180&category=97. Please use this platform to submit your CV & letter of intent:

## **Proposed Projects for v7**

- 1. MiniSumo
- 2. MicroSumo
- 3. LineFollower
- 4. Tesla (with music)
- 5. Autonomus Drone
- 6. RoboticFotbal
- 7. Maze
- 8. SaltTable
- 9. Multimetron
- 10. Afişaj LED-uri
- 11. Raspberry pi Shield
- 12. Smart Socket Module (environmental sensors)
- 13. Kit Microchip
- 14. Kit SiliconLabs Ultra Low Power
- 15. Regenerable Energy Demo
- 16. Wireless Power trasmit

## Program

#### Schedule

- Between 29 June - 14 August - 30 hours / week. - Mentors are available Monday to Saturday, 10:00 - 17:00, InGeAr Laboratory. - Participants will work with their team inside the InGeAr Laboratory at least 4 days/ week & 30 hours. - Each week, a 1 hour projects-up-date will be held - each team will present their project progress for the past week.

### **Fun activities**

- (optional :) ) - Each Sunday - Sport Activity - Once per week (variable day) - night out - Between 20 - 23 August - EAP Summer School trip

## Team

MSc. Daniel Rosner - Assistant Professor MSc. Razvan Tataroiu - Assistant Professor MSc. Cristian Tranca - Engineer Alexandru Aungurencei - Associated Assistant Cristian Pătru - Associated Assistant Cristian Stoican - Associated Assistant Eugen Buzilă - Associated Assistant Giorgiana Vlăsceanu -Associated Assistant Iulian Calciu - Associated Assistant Răzvan Țilimpea - Associated Assistant

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