



Key Action: KA2: Cooperation for Innovation and the Exchange of Good Practices, KA201 - Strategic Partnerships for school education

Project name: STEAM education and learning by Robotics, 3D and Mobile technologies - FabLab SchoolNet

Project No.: 2018-1-LT01-KA201-047064

Place:

Universitatea "Dunarea de Jos" din Galati (UDJG), Faculty of Engineering (FE), Department of Manufacturing Engineering (DME), Building B, 111 Domneasca St., 800201, Galati - Romania

C1 - Short-Term Joint Staff Training Event

Galati, 25th - 29th March 2019

AGENDA

| 1 st Day, Monday 25 th March 2019 | | | |
|---|---|---|--------------------------|
| TIME | ACTIVITY | TRAINER / SPEAKER | PLACE |
| 09:30 – 10:30 | Meeting with the Vice-Rector for Educational Affairs and with the Vice-Rector for Economics, Investments and International Relations | Prof. Elena Mereuta, PhD Assoc. Prof. Cezar Bichescu, PhD | Rectorate |
| 10:30 – 11:00 | Coffee Break | | |
| 11:00 – 11:30 | Meeting with the Dean of Faculty of Engineering Meeting with Management of the Manufacturing Engineering Department Presentation of the Head Inspector for Technical Disciplines from Galati County School Inspectorate | Prof. Marian Bordei, PhD Prof. Gabriel Frumusanu, PhD Prof. Corina Tatu | B Building, Room B26 |
| 11:30 – 13:00 | Guided tour in the didactic and research laboratories from Faculty of Engineering and Faculty of Automation, Computers, Electrical Engineering and Electronics | All participants | B Building Y Building |
| 13:00 – 14:30 | Lunch Break | | |
| 14:30 – 15:30 | FabLab Schoolnet. Project presentation. Modules, activities, results | Assist. Prof. Carmen Rusu, PhD | B building, Room B34 |
| 15:30 – 17:00 | Module 1. STEAM education. A powerful approach for modern education | Assist. Prof. Carmen Rusu, PhD | B building, Room B34 |
| 17:30 – 19:00 | Social Program | All participants | |

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2nd Day, Tuesday 26th March 2019

| TIME | ACTIVITY | TRAINER / SPEAKER | PLACE |
|---------------|--|--------------------------------|----------------------|
| 10:00 – 13:00 | Visit to the Robotic Laboratories from Liceul Tehnologic Costache Conachi, Pechea – Galati | Prof. Viorica Artenie | Pechea, Galati |
| 13:00 – 14:30 | Lunch Break | | |
| 14:30 – 15:30 | Module 2. Learning by doing. An approach towards vocational education | Assist. Prof. Carmen Rusu, PhD | B building, Room B34 |
| 15:30 – 17:00 | Module 3. Educational Robotics. Methodological and theoretical aspects | Assist. Prof. Carmen Rusu, PhD | B building, Room B34 |
| 17:00 – 19:00 | Social Program | All participants | |

3rd Day, Wednesday 27th March 2019

| TIME | ACTIVITY | TRAINER / SPEAKER | PLACE |
|---------------|---|-----------------------------------|----------------------|
| 10:00 – 11:30 | Module 4a. Educational Robotics using Lego® Mindstorm® Education. Part 1. Construction | Assist. Prof. Luigi Mistodie, PhD | B building, Room B34 |
| 11:30 – 12:00 | Coffee Break | | |
| 12:00 – 13:30 | Module 4b. Educational Robotics using Lego® Mindstorm® Education. Part 2. Programming | Assist. Prof. Luigi Mistodie, PhD | B building, Room B34 |
| 13:30 – 15:00 | Lunch Break | | |
| 15:00 – 17:00 | Practical training using the robotic kit Lego® Mindstorm® Education | All participants | B building, Room B34 |
| 17:00 – 19:00 | Social Program | All participants | |



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4th Day, Thursday 28th March 2019

| TIME | ACTIVITY | TRAINER / SPEAKER | PLACE |
|---------------|---|-----------------------------------|-------------------------|
| 10:00 – 11:30 | Module 5a. Educational Robotics using MakeBlock – mBot Ranger Part 1. Construction | Assist. Prof. Luigi Mistodie, PhD | B building, Room B34 |
| 11:30 – 12:00 | Coffee Break | | |
| 12:00 – 13:30 | Module 5b. Educational Robotics using MakeBlock – mBot Ranger Part 2. Programming | Assist. Prof. Luigi Mistodie, PhD | B building, Room B34 |
| 13:30 – 15:00 | Lunch Break | | |
| 15:00 – 17:00 | Practical training using the robotic kit MakeBlock – mBot Ranger | All participants | B building, Room B34 |
| 17:00 – 19:00 | Social Program. | All participants | |
| 19:00 – 21:00 | Friendship dinner | All participants | |

5th Day, Friday 29th March 2019

| TIME | ACTIVITY | TRAINER / SPEAKER | PLACE |
|---------------|--|--------------------------------|-------------------------|
| 10:00 – 11:30 | Discussing and planning the implementation of the educational robotic courses in schools. Approach towards FabLab's | Assist. Prof. Carmen Rusu, PhD | B building, Room B34 |
| 11:30 – 12:00 | Coffee Break | | |
| 12:00 – 13:00 | Evaluation of the didactic materials | Prof. Elena Scutelnicu, PhD | B building, Room B34 |
| 11:30 – 12:00 | Coffee Break | | |
| 12:00 – 13:00 | Conclusions of the activities achieved during the Short-Term Joint Staff Training Event | All participants | B building, Room B34 |
| 13:00 – 14:30 | Lunch Break | | |
| 15:00 – 17:00 | Social Program | All participants | |