



## Coding and Robotics. The Future is now!

5<sup>th</sup> to 8<sup>th</sup> May 2016

Venue: Braga - Portugal



### Agenda

#### DAY 1

##### 5<sup>th</sup> May – Thursday

- 17:00 Welcome and registration
- 18:15 Opening Session – Room Minho
  - João Carlos Sousa** | Head of Department for Projects Directorate General of Educational | Portuguese Ministry of Education
  - António Osório** | Representative of the ICT Competence Centre of Minho University
  - Ricardo Rio** | Mayor of the Municipality of Braga (to be confirmed)
- 18:30 Practical Information – NSS Presentation | Estonia, Norway and Portugal
- 18:45 Plenary Session – *Coding, Robotics and eTwinning* | CSS | **Rute Baptista** – Room Minho
- 20:00 Networking dinner (at the hotel)

#### DAY 2

##### 6<sup>th</sup> May – Friday

- 09:15 Practical Information – Room Minho
- 09:30 Plenary Session – *Teachers in the 21st Century* | **Marion Haga** – Room Minho
- 10:15 Plenary Session – *National Coding Program in Estonia* | **Mari-Liis Peets & Ingrid Maadvere** – Room Minho
- 11:00 Coffee break
- 11:30 Panel – Good Practices / Discussion – Room Minho
  - MORE - Mobile Resources on Education: let's learn with each other* | **Miguela Fernandes**
  - Mindstorm to Brainstorm* | **José Soares**
  - The Robot Helps! - Educational Robotics as a learning strategy* | **Paulo Torcato**
- 12:30 Lunch (at the hotel)



14:00 Parallel workshops (Participants choose one workshop, preferably according to their students' age. Note that some workshops have Part 1 and Part 2. Participants are supposed to attend both parts.)

**Workshop 1:** *Scratch Jr* | Pille Kaisal & Mari Tõnisson (6-10 students) – Room Braga III

**Workshop 2:** *Meet Edison/Ozbot* | Mari-Liis Peets, Triinu Grossmann & Jaanus Paasoja (6-10 Students) – Room Level Lounge

**Workshop 3:** *Scratch* – Part 1 | Dag Rune Kvitem (11-16 Students)\* – Room Braga I

**Workshop 4:** *3D Design and Printing* | Argo Ilves & Artur Coelho (11-16 Students) – Room Braga II

**Workshop 5:** *Lego Mindstorm* – Part 1 | Paulo Torcato (11-16 students)\*\* – Room Minho

15:30 Coffee break

16:00 Parallel workshops (Participants choose one workshop, preferably according to their students' age. Note that some workshops have Part 1 and Part 2. Participants are supposed to attend both parts.)

**Workshop 3:** *Scratch* – Part 2 | Dag Rune Kvitem (11-16 Students)\* – Room Braga I

**Workshop 5:** *Lego Mindstorm* – Part 2 | Paulo Torcato (11-16 students)\*\* – Room Minho

**Workshop 6:** *Makey Makey* | Maria Malozjomov & Petri Asperk (6-10 students) – Room Braga III

**Workshop 7:** *Tynker* | Kairi Mustjatse & Kristi Rahn (6-10 Students) – Room Level Lounge

**Workshop 8:** *App Inventor* | Marco Neves (11-16 Students) – Room Braga II

**Notes:**

\* If you participate in Workshop 3 (*Scratch* – Part 1) you are supposed to participate in Workshop 5 (*Scratch* – Part 2) at 16h00, 6th May.

\*\*If you participate in Workshop 5 (*Lego Mindstorm* – Part 1) you are supposed to participate in Workshop 5 (*Lego Mindstorm* – Part 2) at 16h00, 6th May.

18:00 Departure for Sightseeing Tour to Braga

20:30 Special Dinner at *Abadia D'Este Restaurant*

## DAY 3

### 7<sup>th</sup> May - Saturday

9:30 Parallel workshops (Participants choose one workshop, preferably according to their students' age. Note that some workshops have Part 1 and Part 2. Participants are supposed to attend both parts.)

**Workshop 1:** *Scratch Jr* | Pille Kaisal & Mari Tõnisson (6-10 Students) – Room Level Lounge

**Workshop 7:** *Tynker* | Kairi Mustjatse & Kristi Rahn (6-10 students) – Room Braga II

**Workshop 8:** *App Inventor* | Marco Neves (11-16 Students) – Room Braga I

**Workshop 9:** *App Inventor* | Leif Amund Lie (11-16 Students) – Room Braga III

**Workshop 10:** *LearntoMod* – Part 1 | Carl Myrland (11-16 students)\* – Room Minho

11:00 Coffee break

11:30 Parallel workshops (Participants choose one workshop, preferably according to their students' age. Note that some workshops have Part 1 and Part 2. Participants are supposed to attend both parts.)

**Workshop 2:** *Meet Edison/Ozobot* | Mari-Liis Peets, Triinu Grossmann & Jaanus Paasoja (6-10 students) – Room Level Lounge

**Workshop 4:** *3D Design and Printing* | Argo Ilves & Artur Coelho (11-16 Students) – Room Braga II

**Workshop 6:** *Makey Makey* | Maria Malozjomov & Petri Asperk (6-10 Students) – Room Braga III

**Workshop 9:** *App Inventor* | Leif Amund Lie (11-16 Students) – Room Braga I

**Workshop 10:** *LearnToMod*– Part 2 | Carl Myrland (11-16 Students)\* – Room Minho

#### Notes:

\* If you participate in Workshop 10 (*LearnToMod* Part 1 – Day3 – 9:30), you are supposed to participate in Workshop 10 (*Scratch* Part 2 – Day 3 – 11:30).

13:00 Lunch (at the hotel)

14:30 Plenary Session to explain Group Work – Room Minho

15:00 Group Work – eTwinning Kits Proposals – Room Minho

17:00 Coffee break

17:30 Group Presentation – eTwinning Kits Proposals – Room Minho

18:30 Closing Session – Room Minho

20:00 Dinner (at the hotel)

## Day 4

8<sup>th</sup> May – Sunday

Departure of participants

### Workshops

#### Friday 6<sup>th</sup> May

	Workshop	Age 6-10	Age 6-10	Age 11-16+	Age gr 11-16+	Age gr 11-16+
14:00 15:30	Session 1	Workshop 1 <i>Scratch Jr</i>	Workshop 2 <i>Meet Edison/Ozobot</i>	Workshop 3 <i>Scratch Part 1</i>	Workshop 4 <i>3D design and printing</i>	Workshop 5 <i>LegoMindstorm Part 1</i>
		Room Braga III	Room Level Lounge	Room Braga I	Room Braga II	Room Minho
16:00 17:30	Session 2	Workshop 6 <i>Makey Makey</i>	Workshop 7 <i>Tynker</i>	Workshop 3 <i>Scratch Part 2</i>	Workshop 8 <i>AppInventor</i>	Workshop 5 <i>LegoMindstorm Part 2</i>
		Room Braga III	Room Level Lounge	Room Braga I	Room Braga II	Room Minho

#### Saturday 7<sup>th</sup> May

	Workshop	Age 6-10	Age 6-10	Age 11-16+	Age 11-16+	Age 11-16+
9:30 11:00	Session 3	Workshop 7 <i>Tynker</i>	Workshop 1 <i>Scratch Jr</i>	Workshop 8 <i>AppInventor</i>	Workshop 9 <i>AppInventor</i>	Workshop 10 <i>LearnToMod Part 1</i>
		Room Braga II	Room Level Lounge	Room Braga I	Room Braga III	Room Minho
11:30 13:00	Session 4	Workshop 2 <i>Meet Edison/Ozobot</i>	Workshop 6 <i>Makey Makey</i>	Workshop 4 <i>3D design and printing</i>	Workshop 9 <i>AppInventor</i>	Workshop 10 <i>LearnToMod Part 2</i>
		Room Level Lounge	Room Braga III	Room Braga II	Room Braga I	Room Minho