Pedagogical staff training school for Computational Thinking and STEM

AGENDA (C2)

Date: **September 13-17, 2021**
Venue: Vilnius University Central Building, rooms **238** & **239**
Address: Universiteto str.3, Vilnius
Participants: Pedagogical staff from all partner institutions

Monday, September 13 (room 239)

09:00-10:00   Informal meeting each other. Coffee and tea

10:00–10:30   Welcome and enjoying being together!

10:30–11:30   Presentation of teacher education at Vilnius university

11:30–12:00   Questions and discussion. Photo together.

12:00–13:00   Lunch Break (restaurant "Fiorentino", Universiteto str. 4)

16:30–17:00   **Introduction to Training in CT and STEM for VU staff and partners.**

Module O1: **Framework for the support of the modules: CT&STEM for future teacher education**

prof. dr. Valentina Dagienė, Vilnius University, Lithuania

17:00–18:00   Module O2 (for all students): **General introduction of Computational Thinking: a basic module suitable for all teachers**

prof. dr. Erik Barendsen, Radboud University, The Netherlands

18:00–18:30   Questions and discussions

Tuesday, September 14 (room 238)

15:30–16:30   Module O10: **Technological, pedagogical and instructional design aspects of teaching CT for STEAM**

prof. dr. Mart Laanpere, Tallinn University, Estonia

16:30–17:30   Dissemination. Reflections on international ESERA conference and lessons learned.
prof. dr. Arnold Pears, KTH Royal Institute of Technology, Sweden
prof. dr. Erik Barendsen, Radboud University, The Netherlands

17:30–18:00   Questions and discussions

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Wednesday, September 15 (room 238)

15:30–17:30   Module O8: **Educational environments for CT: design and aspects of integration**
Peter Larsson, University of Turku, Finland

17:30–18:00   Questions and discussions

Thursday, September 16 (room 238)

15:30–16:30   Module O9: **Using Constructivism, and Project and Challenge Driven Pedagogy for learning Computational Thinking**
prof. dr. Arnold Pears, KTH Royal Institute of Technology, Sweden
lic. Helena Isacsson Persson, KTH Royal Institute of Technology, Sweden

16:30–17:30   Module O8: **Educational Environments for CT: design and aspects of integration: ViLLE/Eduten & Bebras challenge**
prof. dr. Mikko-Jussi Laakso, University of Turku, Finland

17:30–18:00   Questions and discussions

Friday, September 17 (room 239)

15:00–16:00   Overview of the trainings, reflection and discussion on all modules.
prof. dr. Erik Barendsen, Radboud University, The Netherlands
all partners

16:00–16:30   Thanks to participants, questionnaires, certificates
prof. dr. Valentina Dagienė, Vilnius University, Lithuania

16:30–18:00   Project partner meeting. Future plans.
prof. dr. Valentina Dagienė, Vilnius University, Lithuania

TeaEdu4CT Intellectual Outputs Piloting and Translation

https://drive.google.com/drive/folders/1yRX6jrKQaRM8Xr9tATuPVuIC1jylUH86?usp=sharing

ID	Output Title	Leading & Piloting	Translation/Piloting
IO1	**Framework for the support of the modules: CT&STEM for future teacher education**	**P1** – VU – Lithuania	P4 – ANKU - Turkey P5 – TLU - Estonia
IO2	**General Introduction of Computational Thinking: a basic module suitable for all teachers**	**P8** – RU– Netherlands	P1 – VU - Lithuania P3 – KTH - Sweden
IO3	**CT for pre-school (kindergarten) prospective teachers: specific features, approaches and practical solutions**	**P4** – ANKU – Turkey	P5 – TLU - Estonia P9 – UPB - Germany
IO4	**CT for primary education prospective teachers: specific features, approaches and practical solutions**	**P9** – UPB - Germany	P1 – VU - Lithuania P6 – CESIE – Italy P10 – CARDET - Cyprus
IO5	**CT for STEM prospective teachers: specific features, approaches and practical solutions**	**P8** – RU – Netherlands	P1 – VU - Lithuania P3 – KTH - Sweden
IO6	**CT for informatics (computing) prospective teachers: specific features, approaches and practical solutions**	**P7 –** TUW – Austria	P1 – VU - Lithuania P9 – UPB - Germany
IO7	**CT for languages, arts and humanities prospective teachers: specific features, approaches and practical solutions**	**P4** – ANKU – Turkey	P6 – CESIE - Italy P2 – UTU - Finland
IO8	**Educational environments for CT: design and aspects of integration**	**P2** – UTU – Finland	P1 – VU - Lithuania P5 – TLU - Estonia P10 – CARDET - Cyprus
IO9	**Using Constructivism, and Project and Challenge Driven Pedagogy for learning Computational Thinking**	**P3** – KTH – Sweden	P6 – CESIE - Italy P8 – RU - Netherlands
IO10	**Technological, pedagogical and instructional design aspects of teaching CT for STEAM**	**P5** – TLU – Estonia	P6 – CESIE – Italy P7 – TUW – Austria

Link for training material:
https://drive.google.com/drive/folders/1yRX6jrKQaRM8Xr9tATuPVuIC1jylUH86?usp=sharing

Turku University (UTU, Finland), KTH (Sweden), Ankara University (ANKU, Turkey), Tallinn University (TLU, Estonia), CESIE (Italy), Vienna University of Technology (TUW, Austria), Radboud University (RU, The Netherlands), Paderborn University (UPB, Germany), CARDET (Cyprus)