

*6 July 2020*

# What's going on in EASTEM?



**Dear EASTEM project members and friends,**

Hope you are doing well. With this newsletter, I would like to alert you to current project activities in EASTEM. You can email [miriam.tardell@uadm.uu.se](mailto:miriam.tardell@uadm.uu.se) with any updates you wish to share with everyone.

## **Recent project activities**

### **National ToT courses in SCL (WP 2)**

The Thai EASTEM partners held the second and third webinar in the national ToT course for lecturers (29 June and 6 July). Around 2000 lecturers have participated in the webinars through Zoom and Facebook live and the video clips have generated several thousand views. All the three sessions/modules can be accessed in the EASTEM Thailand Youtube channel:

[https://www.youtube.com/channel/UCH0kZnPtL16-pzX\\_A41alAQ/featured](https://www.youtube.com/channel/UCH0kZnPtL16-pzX_A41alAQ/featured)

In Indonesia, the four EASTEM partner universities (ITB, IT DEL, UGM and UNUD) successfully arranged a first national ToT webinar on 30 June with 315 participants

(lecturers and teachers). In the webinar, EASTEM Indonesian partners introduced ways to implement "Merdeka Belajar", the Indonesian government's policy of providing students with the freedom of learning from various universities and university-industrial partners. The webinar featured four 20-minute presentations (one by each EASTEM partner) on topics related to student-centered STEM education, such as employability, computational thinking, interdisciplinary courses and flipped classroom.

The session can be accessed in Youtube by this link: [https://www.youtube.com/watch?v=3BNzKg3v\\_go&feature=youtu.be](https://www.youtube.com/watch?v=3BNzKg3v_go&feature=youtu.be)  
Presentation material (some in English) is also available by [this link](#)

**FREE E-SERTIFIKAT**

**WEBINAR EASTEM INDONESIA**

**“EASTEM: Implementasi SCL dalam Mewujudkan Merdeka Belajar Pasca Pandemi COVID-19”**

Selasa - 30 Juni 2020 - 09.00 - 11.00 WIB  
(Join Meeting pukul 08.30 WIB)

**Dr. Inggriani Liem**  
EASTEM IT DEL  
Pembina TOKI-Bebras Indonesia  
*Peran Computational Thinking (CT) dan STEM dalam Merdeka Belajar*

**Dr. Irwan Endrayanto Aluicius**  
EASTEM UGM,  
Ketua Bidang Kajian Akademik pada PIKA UGM  
*Mata Kuliah Lintas Disiplin utk Mendukung Merdeka Belajar di era New Normal*

**Dr. Mervin Tangguar Hutabarat**  
EASTEM ITB  
Koordinator GECKO ITB  
*Pendidikan STEM dengan SCL dan Merdeka Belajar untuk Employabilitas dan Produktivitas*

**Agus Muliantara, M.Kom**  
EASTEM UNUD  
Dosen Informatika FMIPA Universitas Udayana  
*Flipped Classroom Pasca Pandemi COVID-19*

**MODERATOR**  
**apt. Dewa Ayu Swastini, M.Farm**  
EASTEM UNUD,  
Koordinator Program Studi Farmasi  
FMIPA Universitas Udayana

**SCAN ME**

**PENDAFTARAN**  
[https://bit.ly/EASTEM\\_id](https://bit.ly/EASTEM_id)  
Terbatas hanya untuk 250 orang peserta

Co-funded by the Erasmus+ Programme of the European Union

Join Meeting  
Cisco Webex

## Upcoming project activities

**Review and Comment** on the Midterm Report Draft! Each partner’s feedback and ideas are important for a well-rounded and accurately presented report of what we have proudly done in the first 18 months of the project.

**8 July:** Deadline for comments on the midterm report draft available by [this link](#)

**14 July:** Midterm report to the EU Commission is due

The Call for Papers for the [iSTEM-ed2020 conference](#) is now available! Topics

include Innovation in STEM Education, Technology-Enhanced STEM Teaching and Learning, Project-Based Learning and Student-Centered Learning. This is a special opportunity to share what we have been doing and plan to do in EASTEM! Please note, accepted papers of iSTEM-Ed2020 will be submitted for inclusion into IEEE Xplore database and also be indexed in Scopus. The link is below, and the submission page is under the aptly named 'SUBMISSION' tab.

<http://www.istem-ed.com/istem-ed2020/index.php/call-for-paper>

**10 July:** Deadline to submit abstracts



**THE 5TH INTERNATIONAL**  
**iSTEM-Ed**  
**EDUCATION CONFERENCES 2020**

www.istem-ed.com  
**NOVEMBER 4-6, 2020**  
**@HUAHIN, THAILAND**

**iSTEM-Ed 2020**  
**CALL FOR PAPER**  
**"INNOVATING STEM EDUCATION TO PREPARE NEXT GENERATION WORKFORCES"**

**ABSTRACT SUBMISSION DEADLINE: JULY 10, 2020 | NOTIFICATION DATE: AUGUST 21, 2020**  
**FULL PAPER SUBMISSION DEADLINE: SEPTEMBER 4, 2020 | EARLY BIRD REGISTRATION DEADLINE: SEPTEMBER 4, 2020**  
**CONFERENCE DATES: NOVEMBER 4-6, 2020**

**TECHNOLOGY-ENHANCED STEM TEACHING AND LEARNING:**

- SENSOR-BASED LEARNING APPLICATIONS
- INTERNET OF THINGS (IOT) IN EDUCATION
- ARTIFICIAL INTELLIGENCE (AI) IN EDUCATION
- DIGITAL LEARNING TECHNOLOGY / ICT APPLICATIONS
- ONLINE / E-LEARNING / DISTANCE LEARNING SYSTEM
- COMPUTER-BASED LEARNING AND COURSEWARE TECHNOLOGIES
- EDUCATIONAL DIGITAL GAME, SIMULATION, AND ANIMATION
- AR, VR, AND VIRTUAL WORLD
- LEARNING MANAGEMENT SYSTEMS (LMS)
- MOBILE TECHNOLOGY FOR TEACHING AND LEARNING
- MOOC, SPOC
- SMART CLASSROOM AND LEARNING ENVIRONMENT
- SOCIAL MEDIA AND LEARNING NETWORK
- DIGITAL INNOVATIONS IN EDUCATION
- DIGITAL LEARNING MATERIALS
- INSTRUCTIONAL DESIGN INTEGRATED WITH ICT

**PEDAGOGICAL MODES AND APPLICATIONS OF STEM EDUCATION:**

- INQUIRY-BASED, PROBLEM-BASED, & PROJECT-BASED LEARNING
- RESEARCH-LED, RESEARCH-ORIENTED, & RESEARCH-BASED LEARNING
- DESIGN-BASED & CHALLENGE-BASED LEARNING
- BRAIN-BASED LEARNING & EDUCATIONAL NEUROSCIENCE
- COLLABORATIVE & COOPERATIVE LEARNING
- COMPETENCY-BASED LEARNING
- CREATIVE LEARNING
- WORK-BASED AND WORK-INTEGRATED EDUCATION

**SKILLS & RE-SKILLS DEVELOPMENT FOR STEM LITERACY:**

- 21<sup>ST</sup> CENTURY SKILLS
- ETHICAL AND SOCIAL JUSTICE ISSUES (E.G., ACCESS, EQUITY)
- SOFT SKILLS (E.G., COMMUNICATIONS, TEAMWORK)
- LABORATORY EXPERIENCES (ON-CAMPUS AND REMOTE)
- LIFELONG LEARNING/EDUCATION
- RESEARCH TRAINING (UNDERGRADUATE AND GRADUATE)
- INSTRUCTIONAL KITS FOR 21<sup>ST</sup> CENTURY SKILLS DEVELOPMENT

**CURRICULUM STUDIES AND DEVELOPMENT FOCUSED STEM EDUCATION:**

- ACCREDITATION AND QUALITY ASSURANCE (QA)
- ASSESSMENT AND EVALUATION
- CURRICULUM DESIGN AND DEVELOPMENT
- OUTCOME-BASED EDUCATION
- EDUCATIONAL POLICY, LEADERSHIP AND ADMINISTRATION
- ENTREPRENEURSHIP PROGRAMS
- EXAMINATION TECHNIQUES
- HIGH SCHOOL INITIATIVES AND PARTNERSHIPS
- STEM FOR DIGITAL NATIVES
- STEM FOR TVET
- INDUSTRY LINKAGES AND PARTNERSHIPS
- INTERDISCIPLINARY CURRICULUM DEVELOPMENT

**WWW.ISTEM-ED.COM**

## **Other important dates**

**12-15 October:** WP 4 meeting (virtual)

**30 November-2 December:** Dissemination/General Meeting (virtual)

Stay tuned for more information and keep up the great work everyone!

Best regards,

Miriam Tardell  
Uppsala University  
EASTEM Project Coordinator

*You receive this newsletter because you have previously been involved in EASTEM project activities. If you would like to unsubscribe or add a colleague (or someone else who should know about EASTEM) to the sending list, please email:*

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