IEEE Day in UPT
Diana Andone

#IEEEDay
3 Octombrie 2023

IEEE Day

https://ieeeday.org/

#IEEEDay

https://ieee-collabratec.ieee.org/app/community/48/IEEE-Day/events

IEEE Education

IEEE Education Society
https://ieee-edusociety.org/

IEEE Learning Network
https://iln.ieee.org/

IEEE Digital Library

IEEE Xplore
ieeexplore.ieee.org

IEEE eLearning Library - courses
https://innovate.ieee.org/

IEEE TryEngineering
https://tryengineering.org/

IEEE Collabratec

https://ieee-collabratec.ieee.org/

IEEE Education Week™

About   Events   **Resources**   Special Offers   Submit   Toolkit   Donate   Contact

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TRYEngineering Summer Institute

SCHOLARSHIP

TryEngineering Summer Institute

TryEngineering Summer Institute is an exciting two-week, on-campus engineering summer program for high school students held at premier universities across the United States. The goal of our engineering camp is to spark enthusiasm in engineering and technology in the next generation of problem-solvers and difference-makers, and position them for long-term success in academics and in life.

IEEE-Affiliated Group: IEEE Educational Activities
IEEE Region: N/A
Level: Pre-University STEM

Powered by IEEE

TRYEngineering

WEBSITE

Tryengineering

TryEngineering INSPIRES the engineers and technical professionals of tomorrow! The IEEE TryEngineering website aims to empower educators to foster the next generation of engineers and technology innovators. The site provides educators, students, and volunteers with pre-university resources to help engage and inspire future STEM professionals. Resources include engineering lesson plans, on-line games, STEM articles, IEEE STEM events, engineering disciplines and much more. Join our community!

IEEE-Affiliated Group: IEEE Educational Activities
IEEE Region: Global
Level: Pre-University STEM

IEEE Foundation Donor Supported Program

IEEE REACH
Raising Engineering Awareness through the Conduit of History

WEBSITE

IEEE REACH

IEEE REACH provides pre-university teachers and their students with free, exemplary educational resources that explore the relationship between technology and engineering history and the complex relationships they have with society, politics, economics, and culture.

IEEE-Affiliated Group: IEEE History Center
IEEE Region: Global
Level: Pre-University STEM

5

IEEE Learning network

https://iln.ieee.org/

IEEE Learning network

Peste 900 de cursuri online
Unele gratuite
Pret redus pentu studenti
Reduceri IEEE Day

IEEE eLearning Content Can Supplement Many Engineering Classes

Existing online resources save you time

IEEE Education Week™   About   **Events**   Resources   Special Offers   Submit   Toolkit   Donate   Contact

programs and courses are offered to support graduates/educators at the university level. The aim of this session is to inform all volunteers throughout IEEE about the developments of education ...

Learn More

WED 6

April 6 @ 12:00 pm – 2:00 pm

Virtual Mobility Collaboration Project Workshop

Workshop on Virtual mobility collaboration project, based on the TalkTech project: https://talktechproject.net/ https://ieeexplore.ieee.org/search/searchresult.jsp? newsearch=true&queryText=talktech 2h online webinar, with examples, guidelines, & actions on how to set up, develop, run & evaluate an international/national virtual mobility, between students as a project-based learning ...

Learn More

IEEE Education Society
WEBINAR
Education Week 2022

- https://us02web.zoom.us/webinar/register/WN_C4NnizDFQrSuwfIAErVH-w

9

IEEE Teaching Excellence Hub

The IEEE Teaching Excellence Hub is a site designed to help those teaching in IEEE fields of interest at the university level globally to continually develop

http://teaching.ieee.org
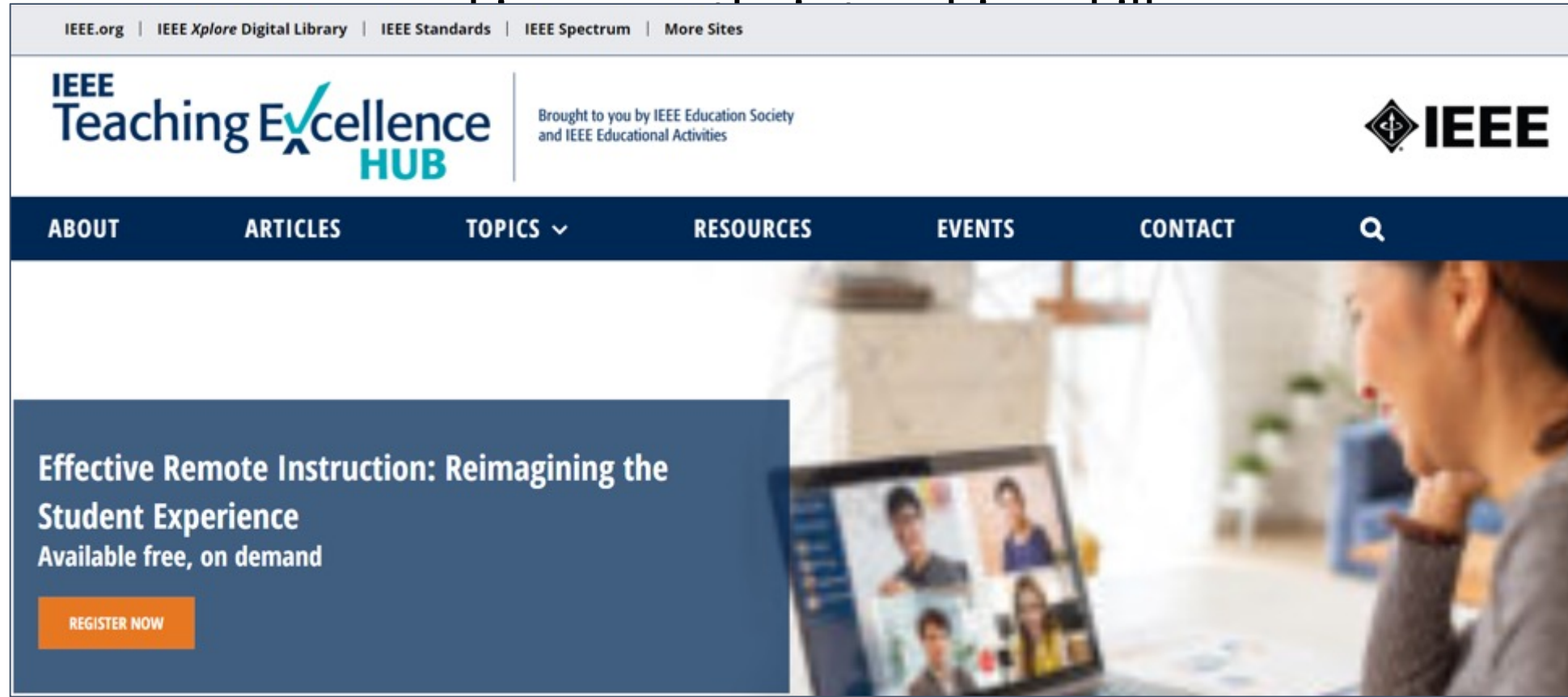
Resources Provided on the Hub

- Expert Articles (2 per week)
  - Grouped by Topic

- Links to Virtual and In-Person Events

- Links to Helpful Resources (Research, Videos, etc.)

IEEE Education

IEEE Education Society
https://ieee-edusociety.org/

Resurse, cursuri MOOC, webinars
Conferinte internationale
IEEE Educon, IEEE TALE, IEEE FIE

IEEE Education

Educational Robotics for all: gender, diversity, and inclusion in STEAM   UNED

Educational Robotics for all: Gender, diversity, and inclusion in STEAM

ENROLL IN THIS COURSE
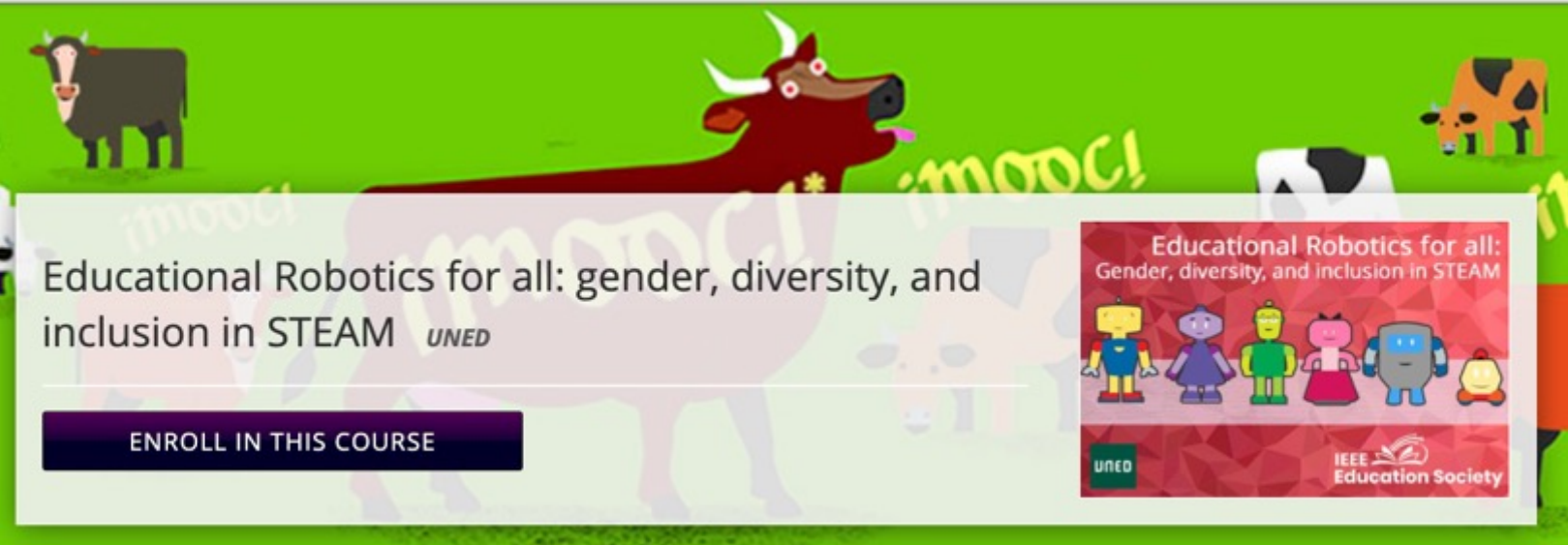
https://iedra.uned.es/courses/course-v1:UNED+STEM_EngiFound_001+2019/about

Robotics and computational thinking are valuable tools for developing the pedagogy of science, technology, engineering and mathematics (STEM), and for promoting the inclusion and integration of students. We currently have a multitude of robotic teaching tools at our disposal. These tools arise with the aim of promoting innovation and motivation of students during the learning process. Robots are more and more common in today's society. Therefore, it is important to integrate robots at all levels of our daily lives. This course focuses on the presentation of a combination of teaching methodologies, educational robotics tools and a student learning management methodology. All of this is focused on strengthening the presence of women in engineering. This course is developed in collaboration with the IEEE Education Society, the DIECCTQAI (Electrical and Computer Engineering Department) of the UNED, the IEEE, the Spanish Chapter of the IEEE Education Society, the IEEE Student Branch of the UNED and Plaza Robotica.

Teaching Team

The teaching team integrates national and international experts in the field of Open Education and educational activities for the promotion of women and young people in engineering and STEM. It includes experts from UNED, University of Northumbria (United Kingdom), University of La Laguna, University of Porto, Federal University (Brazil), Polytechnic University of Madrid, University of Vigo and University Miguel Hernández. The common link between them, besides being experts in the subject matter of the course, is membership of the IEEE Education Society, the educational section of the largest engineering association in the world.
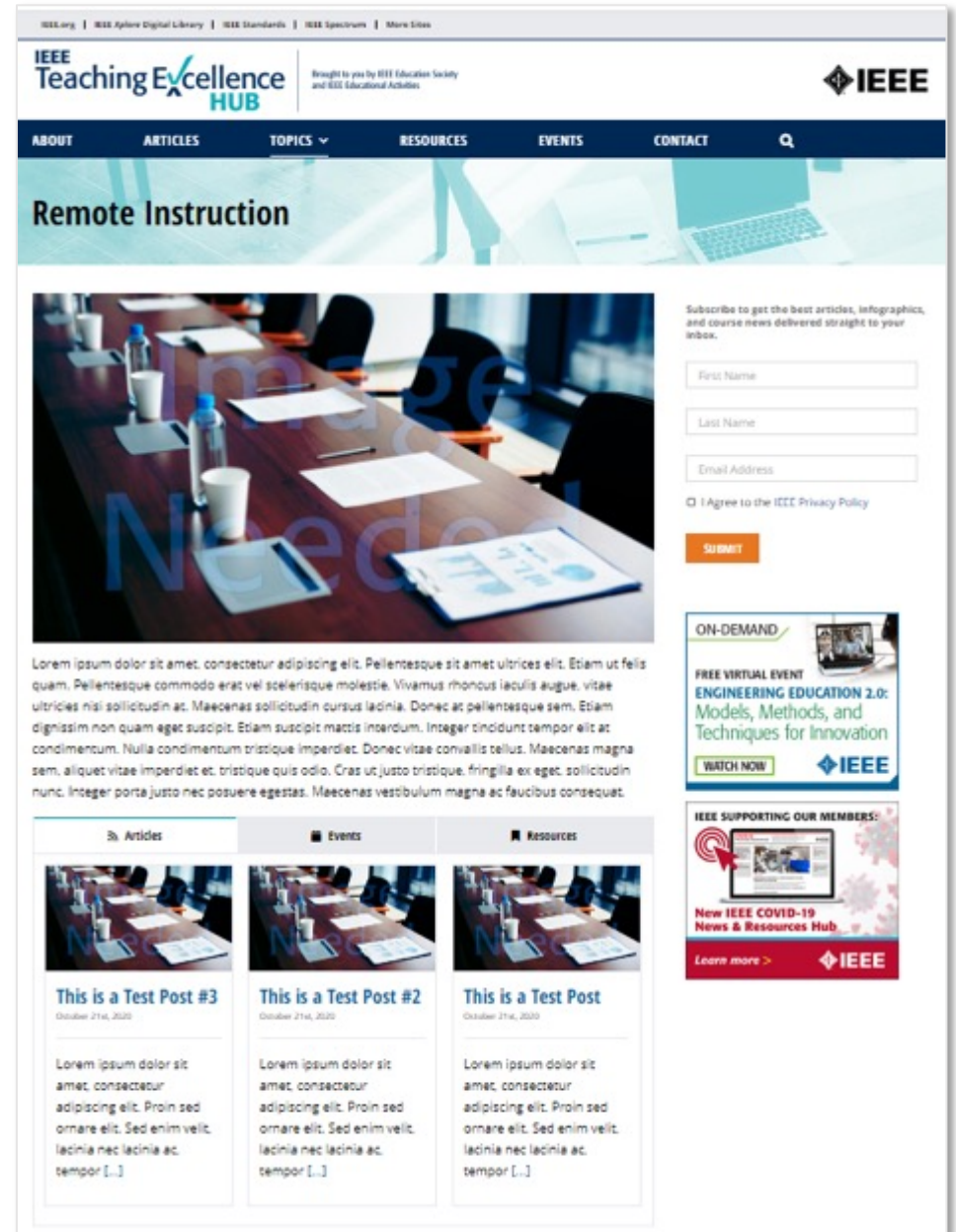
Course Number	STEM_EngiFound_001
Classes Start	15 October 2020
Classes End	15 December 2020
Estimated Effort	04:00
Price como oyente	0€
Price del certificado (1 ECTS)	40€
Price de la credencial	15€

IEEE Education

Teaching with Technology Resource Center

https://www.merlot.org/merlot/viewSite.htm?id=9160750&pageid=91815

In response to recent developments related to the corona virus, the **IEEE Education Society** in collaboration with **MERLOT**, has developed this website for colleagues wishing or being required to use technology in their instruction. The focus of the website is instructional technology, mainly related to higher education.

The website is organized into these sections:

IEEE Resources: Contains resources directly relevant to the needs of higher education

Think About This: This webpage will be updated frequently to contain up-to-

Topics

- Remote Instruction
- Learning Technologies
- Assessment Techniques
- Active and Cooperative Learning
- Project Based Learning
- Diversity, Inclusion & Equity
- Student Accessibility and Success
- Laboratories
- Curriculum Design

- Capstone Projects
- Accreditation (Focus on IEEE fields of interest)
- Academic Integrity
- Collaborative Learning
- Flipped Classroom
- Community-Based Learning
- Educational Research
- Career Development
- Time Management

IEEE Education Week

- IEEE Education events international
  - 1 event din Romania in 2022, 2023
- National, R8 events

14 April – 20 April 2024

Try engineering
https://tryengineering.org/

Educatie in STEM
Profesori
Elevi-studenti

IEEE Learning network

Try the following five courses, free for a limited time:

Enterprise Blockchain for the Internet of Things

Intelligent Control of Connected and Automated Vehicles

Values by Design in Algorithmic Era

The Digitized Grid

Transparency and Accountability for Robots and Artificial

Intelligence Systems

Try the following five courses, **free for a limited time**:

• Enterprise Blockchain for the Internet of Things

• Intelligent Control of Connected and Automated Vehicles

• Values by Design in Algorithmic Era

• The Digitized Grid

• Transparency and Accountability for Robots and Artificial Intelligence Systems

Course programs across new and emerging technologies are also available.

› View the course programs.

IEEE Books
 Carti
 Jurnale
 Articole
 conferinte

IEEE MERLOT Community Portal for Computer Science

https://www.merlot.org/merlot/ComputerScience.htm

Search keywords, title, URL, ISBN, or author   Search

Advanced Search Options ▾

🏛 **MERLOT Collection**   🏛 **Other Libraries**   🌐 **The Web**

MERLOT Materials

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1-24 of 2,650 results for: MERLOT Materials   🔊

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Enterprise Systems and Architecture (2)
Foundations of Information Systems (18)
Human Computer Interaction (16)
IS Project Management (13)
IS Strategy, Management and Acquisition (5)
IT Audit and Controls (11)
IT Infrastructure (568)
IT Security and Risk Management (56)
Knowledge Management (13)
Social Informatics (25)
System Analysis and Design (129)

Material Type
☐ Animation (302)
☐ Assessment Tool (16)
☐ Assignment (94)
☐ Case Study (42)
☐ Collection (144)
☐ Development Tool (27)
☐ Drill and Practice (24)

IP Addressing and Subnetting

IP addressing and subnetting tutorial presentation. Contains audio, video and assignments.

Material Type: Tutorial
Author: Charles C. Botsford
Date Created: October 2, 2002
Date Modified: August 4, 2020
Peer Review: ★★★★★
User Rating: ★★★★

🔖 Bookmark   More info
                     Go to material ↗

Linux Tutorial

Innovative tutorial using text and graphics on the Linux operating system.

Material Type: Tutorial
Author: Calydon Tech, Inc.
Date Created: September 26, 2002
Date Modified: August 16, 2020
Peer Review: ★★★★
User Rating: ★★★★

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                     Go to material ↗

Add YouTube Videos To Your...

Our first Mr. Ford's Class Most Excellent PowerPoint Tip. This video shows you how to quickly and easily add YouTube... see more

Material Type: Presentation
Author: Scott Ford
Date Created: September 26, 2014
Date Modified: September 24, 2020
Peer Review: ★★★★★
User Rating: ★★★★

🔖 Bookmark   More info
                     Go to material ↗

Camtasia Tutorial

Step-by-step tutorial

Material Type: Tutorial
Author: Michael Fimian
Date Created: August 3, 2006
Date Modified: May 16, 2020
Editor Review: ★★★★★
User Rating: ★★★★

🔖 Bookmark   More info
                     Go to material ↗

Word 2010 Interactive Tutorial

Word 2010 is a software for word processing in the new Microsoft 2010 Office Suite. Word allows you to easily create... see more

Material Type: Tutorial

Computer Literacy in a Traditional...

Computer literacy is critical to student success in higher education today. Assessment of student knowledge related to... see more

Material Type: Open (Access)

M.I.T. App Inventor

With this tool from M.I.T., the user can create an app for an Android device without knowing how to program. Development... see more

Material Type: Development Tool

Deepening the Chasm: Web 2.0, Gaming,...

Web 2.0 has emerged into a large, growing, and developing world of content and platforms. Gaming has rapidly expanded... see more

Material Type: Open (Access)

IEEE Certificates & badges

EEE Certificates and Badges demonstrate your commitment to effective remote instruction

CEU and PDH Certificates

Earn engineering Continuing Education Units and Professional Development Hours by completing the assessment at the end of each session.

Digital Badge

Upon completion of all sessions, earn a digital badge you can display on your LinkedIn profile and in your email signature.

Try engineering
https://tryengineering.org/

Educatie in STEM
Profesori
Elevi-studenti

TryEngineering.org

- TryEngineering.org makes it easy to teach engineering concepts by providing access to over 130 complete, low-cost, easy to implement lesson plans that give you everything you need to help teachers apply a variety of engineering principles in the classroom.

- Each lesson plan is designed to be a complete roadmap that's easy to follow, no matter what your familiarity might be with the topic.
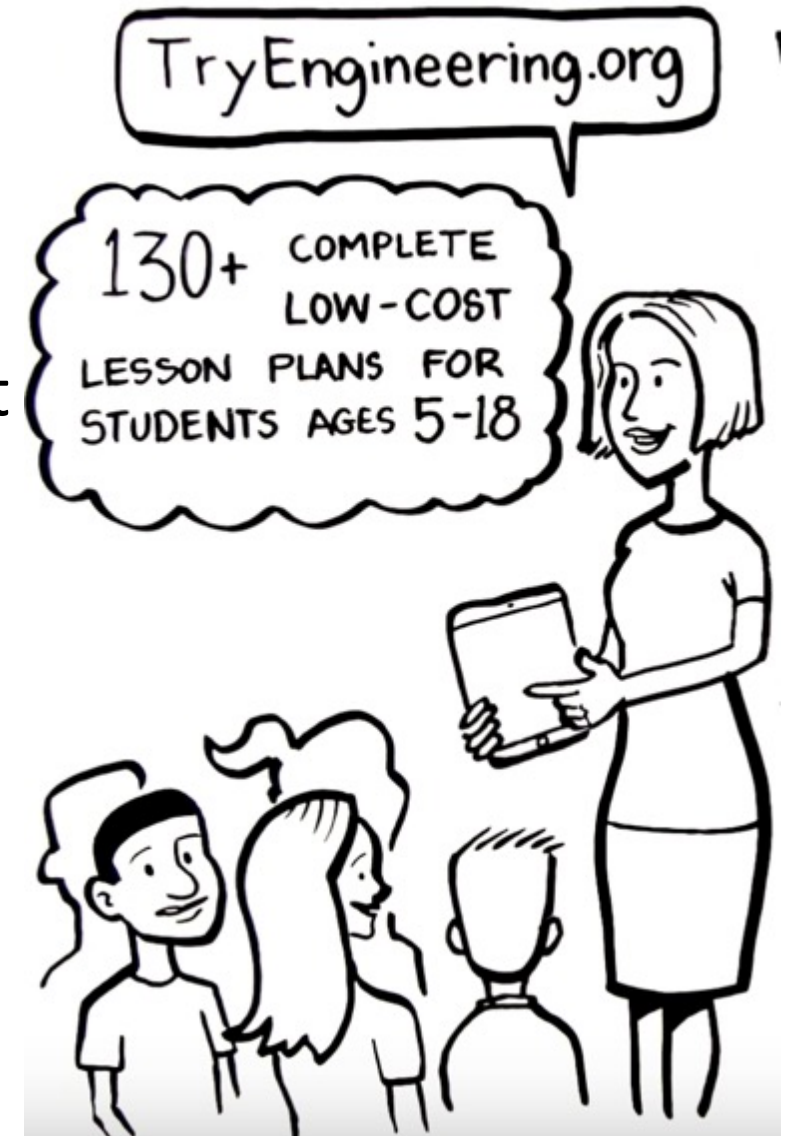
TryEngineering

IEEE Foundation: Spotlight Webinar Series

An IEEE Foundation Screening of
The Bit Player

October 15, 2020
11:30 am EDT (Live stream)
1:00 pm EDT (Q&A with director Mark Levinson)

Presented by the IEEE Foundation and
IEEE Information Theory Society

REGISTER

Thursday, October 15, 2020 6:00 pm

IEEE free webinars

IEEE Romania

- Sectiune IEEE din 1990 https://romania.ieeer8.org/

- IEEE Education Romania https://romania-edu.ieeer8.org/

- Student branches https://romania.ieeer8.org/students/student-branches/
  - Studentii din RO primesc gratuit in primul an de membru si reduceri in aceasta perioada
  - In UPT Razvan Bogdan

webinarii Împreună Online

29 de ediții cu peste 10.000 de participanți, alături de 144 prezentatori, provenind din peste 30 de instituții partenere, în cadrul a peste 60 de ore transmise live pe platformele Zoom, Facebook și Youtube

Webinarii Împreună online sunt organizate în colaborare de IEEE România, Asociația EDEN, Alianța Română a Universităților Tehnice, și Universitatea Politehnica Timișoara, în fiecare săptămână cu invitați din alte universități, școli și instituții din România

9917 Certificate Digitale Deschise Împreună Online

webinarii Împreună Online

Împreună online

Ziua Internațională a fetelor și femeilor în STEM

Miercuri, 10 februarie, ora 16:00

Prezentatori:

Prof.dr.ing. Elena Helerea
IEEE Women in Engineering Romania
Universitatea Transilvania Brasov

Elena Ciocan
BTS OAM DU Head
Nokia Romania

Cristina Cordun
MSc student in Astronomy,
Leiden University

Prof.dr.ing. Lăcrămioara Stoicu-Tivadar
Universitatea Politehnica Timișoara, vicepreședinte
al Asociației Internaționale de Informatică Medicală

Delia Golcea
High-Tech mentor
and Angel Investor

Laura Chirilă
elevă, Colegiul National Pedagogic
"Carmen Sylva" Timișoara

Conf.dr.ing. Alina Dumitrel
Prorector Universitatea Politehnica Timișoara

Ioana-Cristina BENEA
doctorandă
Universitatea Politehnica Timișoara

Denisa Lepădatu
elevă - Colegiul National "Vasile Alecsandri" Galați,
interesată de genomică, AI, transhumanism

Moderatori:

Dr. ing. Diana Andone
Universitatea Politehnica Timișoara

Radu Ticiu
EducaTM

Împreună online

Valorificând tehnologia pentru un viitor mai bun – Ziua IEEE 2020

Miercuri - 7 Octombrie 2020 - ora 16:00

Prezentatori:

Prof dr. ing. Lucian Toma
Universitatea Politehnica din București;
Vice-President IEEE Romania Section

Dr. ing. Diana Andone
Universitatea Politehnica Timișoara;
IEEE Romania Section - Educational activities

Prof. univ. dr. ing. Cristian-Gyozo Haba
Universitatea Tehnică „Gheorghe Asachi" din Iași;
președinte al IEEE Romania Education Chapter

Alexandru-George Berciu
Universitatea Tehnică din Cluj-Napoca;
Vice-Chair IEEE Student Branch TUC-N

Elena Stetco
Universitatea Tehnică din Cluj-Napoca;
Chair IEEE Student Branch TUC-N

Moderator: **Prof. dr. ing. Radu Vasiu**
Universitatea Politehnica Timișoara

- Necesitatea existentei unui mod de comunicare facil intre membri

https://elearning.upt.ro/ro/impreuna-online/

elearning.upt.ro

#7

Construim Împreună

Webinar #construimimpreuna 7:
IEEE Education Week in Romania 1
Exemple moderne de predare STEM în universitățile din România

Miercuri, 30 Martie 2022, ora 18:00

Moderator:
Dr. Diana Andone
Director Centrul de e-Learning
Universitatea Politehnica Timișoara

Invitați:
Prof.dr.ing. Cristian Haba - Facultatea de Electronică, Universitatea Tehnică Gh Asachi Iași
IEEE Education Romania

Prof.dr.ing. Marius Neag - Facultatea de Electronica, Telecomunicatii si Tehnologia Informatiei,
Universitatea Tehnică Cluj-Napoca

Prof.dr.ing. Cătălin Căleanu - Facultatea de Electronică, Telecomunicații și Tehnologii Informaționale
din Timișoara, Universitatea Politehnica Timisoara

Sl.dr.ing. Alexandru Antonescu - Universitatea Politehnica București

Sl.dr.ing. Mădălin Moise - Universitatea Politehnica București

Open Education Week 2021, 2022, 2023, Digital Competences 2021, 2022

https://elearning.upt.ro/ro/event/digital-skills-for-education-culture-workshop-workshop-competente-digitale-pentru-educatie-si-cultura/

https://elearning.upt.ro/ro/comunitate/workshop-oeweek-educatia-deschisa-in-timpul-pandemiei/

Contact

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e-Learning Center

Politehnica University of Timisoara

Romania

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Elearning.upt.ro/diana.andone

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EDEN Fellow 2011, Senior Fellow 2021
EDEN Vice-president (2017-2021)
IEEE Romania Education Chair
IEEE Education Board of Governors
IEEE Computer Society, TCLT Open Chair
IEEE Education and Women in Engineering
EUA Digital Transformation Committee

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