

eLearning Library Tools for Promoting Engineering Education Worldwide

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*Empowering Members
to Create the Future*

IEEE Sections Congress 2011

<http://info.ieee-elearning.org>



Overview of Low-Cost Services Available for IEEE Organizations

- Continuing Education Units—Offer CEUs/PDHs for IEEE-sponsored events
- Webinar Platform—Present live online training
- IEEE Online Education Portal—Host and sell training and education materials
- IEEE iTunes U—Reach 200 million iTunes users
- Best Practices—Advice and assistance from continuing education professionals
- IEEE eLearning Library—Reach corporate and academic subscribers, and earn revenue for your organization
- IEEE eLearning Outreach Program—Host “live” versions of eLearning Library tutorials at your Section and Chapter events

Continuing Education Units

<http://info.ieee-elearning.org>



- IEEE is an Authorized Provider of CEUs by the International Association for Continuing Education and Training
- CEUs can be awarded for education, training, or Webinars from IEEE Societies, Sections, Chapters or other Ous
- Fees are modest: \$40 application fee per course or \$20 each for multiple courses; \$18 per CEU recipient per course

Continuing Education Units

<http://info.ieee-elearning.org>



- Fill out the online application form
- Soon, student fees can be collected via IEEE Shop
- Students retrieve their own certificate online, which remains available to them whenever they need it

IEEE Continuing Education Providers

<http://cep.ieee-elearning.org>

- Member discounts on Continuing Education
- More than 6,000 courses, certificate programs and graduate degree programs
- Providers approved by volunteer Board
- All providers award CEUs & PDHs
- More than 50 providers, both live and online

IEEE Webinar Platform

<http://info.ieee-elearning.org>



- Elluminate Live! Platform—Full audio, video, chat, application sharing, etc.
- Present live and record for later viewing
- Offer for free or for sale, for members or for anyone
- Award CEUs upon completion
- *Free* for any IEEE OU to use

IEEE Webinar Platform

The screenshot displays the IEEE Webinar Platform interface. At the top, the title bar reads "Elluminate Live! - INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)". Below this is a menu bar with "File", "Session", "View", "Tools", "Window", and "Help". A toolbar contains icons for file operations and session management.

Participants: A list of participants is shown on the left, including Adrian Pais (Moderator), Jessica Colaco, Mary Ekund (Moderator), Steve Welch (Moderator), Alain Riaud, Candy Robinson, Demetrios, Dody Ismoyo, Humanitarian Technology, Jill Bagley, and Jinto Jolly James. Each name has associated icons for mute, video, and chat.

Whiteboard - Main Room (Scaled 105%): The central whiteboard displays the following text:
IEEE Humanitarian Technology Webinar Series
Free, publicly available Webinar Series
<http://humanitarian.ieee-elearning.org>
A powerfully engaging Webinar series focused on applying technology to solve the world's most pressing humanitarian and development challenges
This initiative is supported by the IEEE humanitarian ad-hoc committee
The IEEE logo is visible in the bottom right corner of the whiteboard.

Chat: A chat window on the left shows a message from "Moderator (Mary Ekund)": "The presentation has just begun." The chat history includes a timestamp "Joined on January 19, 2011 at 10:02 AM" and a message from "Sampathkumar Veeraraghavan 1": "Hi Dody its about to start".

Audio - Adrian Pais: An audio control panel at the bottom left shows a microphone icon and a volume slider.

Video - Jessica Cola...: A video feed window in the top right shows a woman (Jessica Cola) with a "Preview" and "Transmit" button below her.

Session Controls: At the bottom, a playback bar shows "0:20" and "In session for 5 hours, 55 minutes." The title bar at the very bottom reads "IEEE Humanitar...".

IEEE Online Education Portal

<http://info.ieee-elearning.org>

The screenshot shows the IEEE Online Education Portal interface. At the top left is the IEEE logo with the tagline "Advancing Technology for Humanity". To the right, it says "You are logged in as Steve Welch (Logout)" and "English (en_us)". Below this is a navigation bar with "Welcome to the IEEE Online Educa" and a "Turn editing on" button. The main content area features a large heading "Full features of the eLearning Library Learning Management System" with a "Late" tag and "(No ne yet)". Below this is a "Site Administration" button and a link to "request.ieee-elearning.org". A calendar shows the date 21. To the right, there are links for "Signal Processing Society", "Solid State Circuits Society", "Women in Engineering (WIE)", and "IEEE Education Partners Program". At the bottom, there are links for "GEOSS Introduction" and "Denmark Solar House", and the IEEE logo.

IEEE
Advancing Technology
for Humanity

You are logged in as Steve Welch (Logout)
English (en_us)

Welcome to the IEEE Online Educa

Turn editing on

Full features of the eLearning Library Learning Management System

Late
(No ne yet)

Site Administration

For more information or to request a portal for your organization, please visit request.ieee-elearning.org

12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28 29 30

CONFERENCE
JOURNALS
STANDARDS

Signal Processing Society
Solid State Circuits Society
Women in Engineering (WIE)
IEEE Education Partners Program

IEEE News

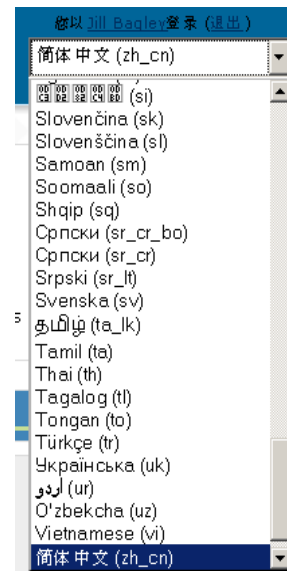
GEOSS Introduction
Denmark Solar House

IEEE

Key Portal Features



- *Free to use*
- Controlled by *you*
- Custom URL for your org
- Host any educational content, regardless of format (including Webinars and podcasts)
- Sell content through IEEE Shop
- Web 2.0 features
- Navigation in more than 100 user-selected languages
- Automatic certificates of completion



IEEE iTunes University Beyond Campus

<http://itunes.ieee-elearning.org>

File Edit View Controls Store Advanced Help

iTunes

Search Store

LIBRARY

- Music
- Movies
- TV Shows
- Podcasts
- Radio

STORE

- iTunes Store

SHARED

- Home Sharing
- Shloh's Library

GENIUS

- Genius

PLAYLISTS

- iTunes DJ
- 90's Music
- Classical Music
- Music Videos
- My Top Rated
- Recently Added
- Recently Played
- Top 25 Most Played
- untitled playlist
- untitled playlist 2

iTunes U > IEEE

IEEE

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for Humanity

IEEE is the world's largest professional association dedicated to advancing technological innovation and excellence for the benefit of humanity. IEEE and its members inspire a global community through IEEE's highly cited publications, conferences, technology standards, and professional and educational activities.

What's New

1-6 of 7 See All >

Sort By: Release Date

- IEEE Humanitarian Technology Webinar Series**
IEEE
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- IEEE Volunteer Training**
IEEE
SUBSCRIBE F...
- IEEE eLearning Library**
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- Biometrics IEEE eLearning Library**
IEEE eLearning Library
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IEEE
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IEEE eLearning Library
- Biometrics IEEE eLearning

Top Downloads



IEEE iTunes University Beyond Campus

<http://itunes.ieee-elearning.org>


- iTunes U: Like YouTube for Scholars (MIT, Stanford, Smithsonian, Cambridge, Harvard, Oxford)
- Video, podcasts, pdfs, ebooks
- Societies and OUs have their own home page and control the branding and Web links
- All content must be free and publicly available

IEEE Online Education Best Practices

<http://info.ieee-elearning.org>

- Online community for IEEE OUs
- Best practices documents for
 - iTunes University
 - IEEE Online Education Portal
 - Creating an online presentation
- User forums and discussion groups
- External resources

IEEE Online Education Best Practices



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for Humanity

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IEEE Online Education Portal ► [CE Best Practices](#) Return to my normal role

People

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Activities

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- [Questionnaires](#)
- [Resources](#)

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Administration

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Topic outline

Continuing Education Best Practices

This course is intended to provide you guidance on developing courses and using the various resources to create high quality continuing education products and events.

- [News forum](#)
- [Continuing Education Best Practices Forum](#)

- 1 How to Create Online Content**
 - [Best Practices for Creating Online Content](#)
- 2 Understanding the Moodle LMS**

Create and administer your own online courses on the Moodle platform. There are several online resources for learning about Moodle.

These include:

 - [Exploring Moodle Modules](#) - a short course on the IEEE Online Education Portal that demonstrates some of the standard features of the Moodle platform.
 - <http://moodle.org/> - offers FAQs and discussion forums on this platform
 - <http://demo.moodle.net/> - test drive features such as creating course assignments, databases, and opportunities for synchronous (chats) and asynchronous discussions (forums). Any files or databases posted to this Moodle demonstration site are erased each hour so don't be afraid to experiment
 - http://remote-learner.net/webinar/intro_moodle - features free webinars on administering your online courses
- 3 Hosting a Webinar**

Plan an individual webinar or a series.

<http://www.alluinsto.com/Support/Gid=69/> - learn more about web hosting using


Find an eLearning Library Tutorial*

Tutorial Categories

- [Aerospace](#)
- [Antennas and Propagation](#)
- [Bioengineering](#)
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- [IEEE Standards](#)
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- [Nanotechnology](#)
- [Photonics](#)
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Search all Tutorials

*Links and searches from this section will open the IEEE eLearning Library Portal



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LIBRARY

- The premier online collection of short courses and conference workshops
- High-end production, peer-reviewed by Editorial Board
- Many courses technically sponsored by IEEE OUs, with revenue returning to the sponsor
- Corporate and academic subscriptions through IEEE Xplore
- IEEE members receive 50% discount
- Online at <http://iee-elearning.org>

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- Subscribers and users from every IEEE Region

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To access the tutorial(s) you are currently enrolled in, click 'View My Tutorials.'

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[Click here](#) to view a five-minute sample of the tutorial, *Introduction to Sustainable Green Engineering*, by Paul Ranky. This sample is designed to give you a feel for what our tutorials are like, but it lacks the interactive features found in our full tutorials.

- [View a 5-minute eLearning Sample](#)
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- [eLearning Forum](#)
- [eLearning Chat Room](#)
- [IEEE South Africa Section - Continuing Professional Development Programme](#)
- [Frequently Asked Questions \(FAQs\)](#)
- [Center for Leadership Excellence](#)
- [Course Catalog \(PDF\)](#)
- [Course Catalog \(Excel\)](#)
- [Benefits of Login with Your Personal IEEE Account](#)

Tutorial Categories

- [Aerospace](#)
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Upcoming Events ▾

There are no upcoming events

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Post questions to featured IEEE eLearning Library authors.

IEEE News ▾



IEEE.tv Programs
[Augmenting Reality at Georgia Tech](#)

[ECCE Plenary Session Question and Answer](#)

[ECCE Plenary: Pedro Ray, part 2](#)

[ECCE Plenary: Pedro Ray, part 1](#)

[ECCE Plenary: Richard K. Williams, part 2](#)

IEEE Spectrum
[Bedside Cancer Detector](#)

[What Is Toronto?](#)

[Troubles at Iran's Bushehr Reactor](#)

[Nanostructured Material Promises to Double Li-ion Battery Capacity](#)

[Spigots Closed on Commonwealth](#)

IEEE eLearning Outreach Program

- Present eLearning Library tutorials at your IEEE event
- Facilitate with your own content expert
- Attendees earn PDHs or CEUs
- Free if delivered through LMS; \$99 if on DVD

Join the discussion!

<http://info.ieee-elearning.org>

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IEEE Online Education Portal ▶ PortalRequest [Return to my normal role](#)

Administration
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Calendar
February 2011

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

Events Key
[Global](#) [Course](#)
[Group](#) [User](#)

Topic outline

IEEE Online Education Portal Information

The IEEE Online Education portal is a content management system specifically for elearning materials, including live Webinars. It is available free of charge to any IEEE organization that wishes to host content. More information is available below, or you can get started right away by [submitting a portal request form](#).

[View the Interactive Presentation](#)
[Key Features of the Portal](#)
[Hosting a Webinar](#)
[IEEE iTunes U Site](#)
[Get More Information](#)

View the Interactive Presentation

Click the links below to view a brief presentation outlining the benefits of the IEEE Online Education Portal for your organization. The first presentation includes full audio and streaming video, the second is a PowerPoint presentation made by Director of Continuing Education Steve Welch to the IEEE Town Hall Meeting on 29 Sept. 2010.

[Online Education Portal Presentation](#)

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