

Upcoming R3 Meetings

The search tool was used to get a visual listing of the meetings presently in the system so that as we look at the feeds we can relate it to this information.

Meetings Search

Click on [help](#) to learn how to integrate meeting notices with your website.

Recent Meetings | **Upcoming Meeting 1**

Search term: ? Exact

Region: 2

Section: ?

Organizational Unit: ?

Virtual?: (show only virtual meetings)

Meeting type:

Society: ?

Meeting date: 29 Apr 2012 15:4 -

Located: Within of

3 Submit [Clear](#)

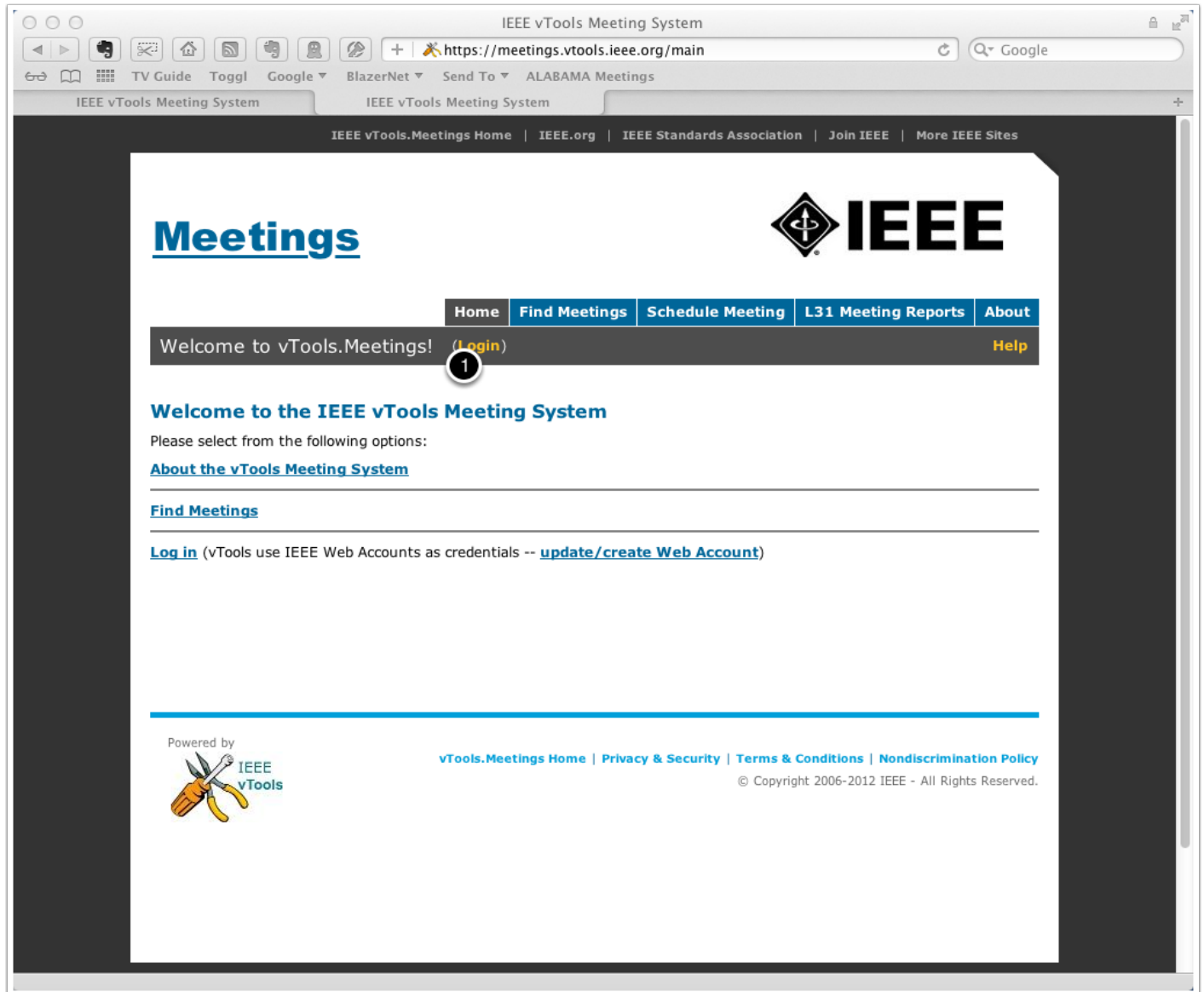
Take care when specifying both Society and Region/Section/Organizational Unit search parameters. Location searches can be *lat,lon* or can specify an address or just *city,state,country*. When a location search is specified, any meetings without a location will not show in search results. Date searches should use the format '29 Apr 2012 15:41' (click calendar icon to select date/time).

Displaying 1-15 of 15 meetings found, sorted by Meeting Date.

Title	Date	Reg	Sec	Location	Virtual?	Options
Circuit Breaker Switching Transients ...	01 May 2012	3	CENTRAL T...	Nashville, Tennessee	No	Show
IEEE Washington/NoVa Sensors Council ...	01 May 2012	3	EASTERN N...	College Park, Mar...	No	Show
UNC Charlotte Senior Design Expo	03 May 2012	3	CHARLOTTE	Charlotte	No	Show
Over The Horizon Radar	04 May 2012	3	ATLANTA	Smyrna, Georgia	No	Show
The Impact of Plug-in Electric Vehic...	08 May 2012	3	EAST TENN...	Knoxville, Tennessee	No	Show
IEEE WNC EXCOM	11 May 2012	3	WESTERN N...	Asheville, North ...	Yes	Show
IEEE ENCS "Geomagnetic Disturbance an...	15 May 2012	3	EASTERN N...	Raleigh, North Ca...	No	Show
Overview of Modern Airborne RADAR Sys...	17 May 2012	3	MISSISSIPPI	Pearl, Mississippi	No	Show
Coastal SC - Technical Tour - Lake Ma...	18 May 2012	3	COASTAL S...	Santee, South Car...	No	Show
IEEE IAS Atlanta - The Different Neut...	21 May 2012	3	ATLANTA	Atlanta, Georgia	No	Show
Alabama Section ExCom Mtg - May 25, 2012	25 May 2012	3	ALABAMA	Birmingham, Alabama	No	Show
Alabama Section Meeting - "Where We A...	04 Jun 2012	3	ALABAMA	Birmingham, Alabama	No	Show
ComSoc Distinguished Lecturer - Dr. F...	04 Jun 2012	3	EASTERN N...	Raleigh, North Ca...	No	Show
Coastal SC June Meeting - Systems The...	05 Jun 2012	3	COASTAL S...	North Charleston,...	No	Show
Fall Planning session	07 Jul 2012	3	HAMPTON R...	Newport News, Vir...	No	Show

IEEE vTools Meeting System - Login

Not necessary to use feeds but it is a way to get feeds elaborated for you.



IEEE vTools Meeting System

The screenshot shows a web browser window with the URL <https://meetings.vtools.ieee.org/main>. The page features a navigation menu with links for Home, Find Meetings, Schedule Meeting, L31 Meeting Reports, and About. A user is logged in as David Green, with a Logout link. The main content area includes a welcome message and several menu items: About the vTools Meeting System, Find Meetings, Schedule a Meeting, View Feeds (RSS/HTML/XML/iCal) (highlighted with a circled '1'), Create an L31 Meeting Report (for meeting not in system), List Current L31 Meetings (in my Section), Search L31 Meeting Reports (across system), and Log out. The footer contains the IEEE vTools logo, a list of links (vTools.Meetings Home, Privacy & Security, Terms & Conditions, Nondiscrimination Policy), and a copyright notice: © Copyright 2006-2012 IEEE - All Rights Reserved.

Feeds for a particular user (R3, Alabama Section Volunteer)

See the links for reports, upcoming meetings, and virtual meetings. Meetings.vTools is more flexible than this but we will focus on these feeds (and actually just the upcoming meetings.)

The screenshot shows a web browser window with the URL <https://meetings.vtools.ieee.org/main/feeds>. The page is titled "IEEE vTools Meeting System" and has a navigation menu with links for Home, Find Meetings, Schedule Meeting, L31 Meeting Reports, and About. A user is logged in as "David Green" with a "Logout" link and a "Help" link.

Useful links to extract L31 meeting reports in an RSS feed format.

- [RSS XML](#) Region:3
- [RSS XML](#) Region:3, Section:ALABAMA
- [RSS XML](#) Region:3, Section:ALABAMA, Section Meetings
- [RSS XML](#) Region:3, Section:ALABAMA, Organization:C16
- [RSS XML](#) Region:3, Section:ALABAMA, Organization:COM19
- [RSS XML](#) Region:3, Section:ALABAMA, Organization:E25
- [RSS XML](#) Region:3, Section:ALABAMA, Organization:TM14
- [RSS XML](#) Region:3, Section:ALABAMA, Organization:IA34
- [RSS XML](#) Region:3, Section:ALABAMA, Organization:PE31
- [RSS XML](#) Region:3, Section:ALABAMA, Organization:GOLD
- [RSS XML](#) Region:3, Section:ALABAMA, Organization:MONTGOMERY SUBSECTION
- [RSS XML](#) Region:3, Section:ALABAMA, Organization:MAG33

Useful links to extract meetings (HTML and XML links pull meetings for your organization for the upcoming 90 days. Only published meetings can be extracted.)

- [RSS HTML XML iCal](#) Region:3
- [RSS HTML XML iCal](#) Region:3, Section:ALABAMA
- [RSS HTML XML iCal](#) Region:3, Section:ALABAMA, Section Meetings
- [RSS HTML XML iCal](#) Region:3, Section:ALABAMA, Organization:C16
- [RSS HTML XML iCal](#) Region:3, Section:ALABAMA, Organization:COM19
- [RSS HTML XML iCal](#) Region:3, Section:ALABAMA, Organization:E25
- [RSS HTML XML iCal](#) Region:3, Section:ALABAMA, Organization:TM14
- [RSS HTML XML iCal](#) Region:3, Section:ALABAMA, Organization:IA34
- [RSS HTML XML iCal](#) Region:3, Section:ALABAMA, Organization:PE31
- [RSS HTML XML iCal](#) Region:3, Section:ALABAMA, Organization:GOLD
- [RSS HTML XML iCal](#) Region:3, Section:ALABAMA, Organization:MONTGOMERY SUBSECTION
- [RSS HTML XML iCal](#) Region:3, Section:ALABAMA, Organization:MAG33

Useful links to extract virtual meetings

- [RSS](#) All Regions
- [RSS](#) Region:3
- [RSS](#) Region:3, Section:ALABAMA

At the bottom of the page, there is a button labeled "View Existing Meetings in XML" with an XML icon.

Upcoming R3 Meetings (RSS)

Note that these are in descending order of most recently published. Good to keep with activity of units but not necessarily for getting to the meeting!

Upcoming Meetings

15 Total

ComSoc Distinguished Lecturer - Dr. Fabrizio Granelli - EASTERN NORTH CAROLINA IT... Friday, 7:32 AM

Networking and the Smart Grid: the relevance of communications in the future of power grid
 The Smart Grid represents a clear step forward in improving power generation, distribution, consumption. Indeed, the Smart Grid is a digitally enabled electrical grid that gathers, distributes, and acts on information about the behavior of all participants (suppliers and consumers) in order to improve the efficiency, importance, reliability, economics, and sustainability of electricity services.
 In this scenario, communications gain a central point as a key enabling technology in supporting the "intelligence" of the system. Nevertheless, the area of communications and associated knowledge can even play a greater role, in supporting modeling, simulation and design of the next generation power grid.
 The seminar aims at providing an overview of the concept and architecture of the Smart Grid, focusing on the contributions of the communications community in terms of communications infrastructure and methodologies. Sample scenarios will be presented to illustrate the relevance of communications in the power grid.
[Read more...](#)

IEEE ENCS "Geomagnetic Disturbance and Risks to Electric Power Systems." - EAS... Wednesday, 8:13 PM

IEEE ENCS "Geomagnetic Disturbance and Risks to Electric Power Systems." Dr. Xiaoming Feng, Executive Consulting R&D Engineer at ABB Corporate Research [Read more...](#)

IEEE WNC EXCOM - WESTERN NORTH CAROLINA SECTION on 11-May-2012 Wednesday, 9:22 AM

Routine Section EXCOM meeting (held virtually for the first time). [Read more...](#)

Alabama Section Meeting - "Where We Are as a Result of Fukushima" - ALABAMA SEC... Tuesday, 2:29 PM

David Gambrell serves as Director of Southern Nuclear's Severe Accident Management (SAM) team — a group formed in July 2011 to help influence regulations in response to the event at Fukushima and other natural external hazard events in the United States. The mission of this team is to prepare Southern Nuclear's fleet for anticipated changes in facilities, procedures and processes.

Gambrell will share his take on the current state of the industry and the action Southern Nuclear has taken as a result.

Please register if you plan to attend and indicate if you will be eating lunch so we know how many to plan for. Meeting room has limited seating, REGISTER EARLY

Bar-B-Q Lunch – \$5.00

[Read more...](#)

The Impact of Plug-in Electric Vehicles on the Electric Grid - EAST TENNESSEE SECTIO... Apr 22, 5:24 PM

Plug-in Hybrid Electric Vehicles (PHEVs) are beginning to enter the market. What will be their impact on the electricity grid? Stanton Hadley will present results from several studies at ORNL that examined these and other issues.

We will meet at the Hibachi Grill, 9645 Kingston Pike.

Registration is required.
 Cost is free to IEEE members, and \$10.00 for visitors and guests.
[Read more](#)

Search Articles:

Article Length:

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Date

Title

Source

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All

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Last Seven Days

This Month

Last Month

Source:

Upcoming Meetings

Actions:

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HTML View of Upcoming R3 Meetings

Note these are in ascending order (asc).

Date	Event Title	Speaker(s)
01 May 2012 08:30AM	Circuit Breaker Switching Transients on Medium-Voltage Transformers	Thomas J. Dionise, PE, Power Quality Engineering Specialist
01 May 2012 06:30PM	IEEE Washington/NoVa Sensors Council Chapter	Prof Michael Dickey
03 May 2012 11:00AM	UNC Charlotte Senior Design Expo	
04 May 2012 11:30AM	Over The Horizon Radar	Dr. Fabrizio
08 May 2012 06:00PM	The Impact of Plug-in Electric Vehicles on the Electric Grid	Stanton W. Hadley
11 May 2012 11:00AM	IEEE WNC EXCOM	
15 May 2012 06:00PM	IEEE ENCS "Geomagnetic Disturbance and Risks to Electric Power Systems."	
17 May 2012 06:00PM	Overview of Modern Airborne RADAR Systems	William "Bill" Dykeman
18 May 2012 09:45AM	Coastal SC - Technical Tour - Lake Marion Water Treatment Plant	Lake Marion Water Treatment Plant
21 May 2012 11:45AM	IEEE IAS Atlanta - The Different Neutral Grounding Methods	John Levine, Levine Lectronics and Lectric
25 May 2012 11:30AM	Alabama Section ExCom Mtg - May 25, 2012	
04 June 2012 11:15AM	Alabama Section Meeting - "Where We Are as a Result of Fukushima"	David Gambrell
04 June 2012 06:00PM	ComSoc Distinguished Lecturer - Dr. Fabrizio Granelli	Dr. Fabrizio Granelli
05 June 2012 11:30AM	Coastal SC June Meeting - Systems Theory, Systems Thinking	Stephanie M. White, Ph.D.
07 July 2012 02:00PM	Fall Planning session	

HTML Source of Upcoming R3 Meetings

Note that that id's and classes are used for various sections of the content to allow users of the HTML to control presentation through CSS (style sheets).

```
Source of https://meetings.vtools.ieee.org/meetings/html/0/90/asc/3

<div id="meetings">
<table class="meetingTable" border cellpadding="2" width="100%">
<tr class="meetingHeaderRow"><th>Date</th><th>Event Title</th>
<th>Speaker(s)</th></tr>
<tr class="meetingRow">
<td class="meetingDate">

    01 May 2012 08:30AM
</td>
<td class="meetingLinkedName">
<a href="/meeting_view/list_meeting/11963" target="_blank">Circuit Breaker
Switching Transients on Medium-Voltage Transformers</a>
</td>
<!-- <td class="meetingDescription">
Switching transients associated with circuit breakers have been observed
for many years.  Recently this phenomenon has been attributed to a
significant number of transformer failures involving primary circuit
breaker switching.  These transformer failures had common contributing
factors such as 1) primary vacuum or SF-6 breaker, 2) short cable or bus
connection to transformer, and 3) application involving dry-type or cast
coil transformers and some liquid filled.
<br />
<br />This meeting will review these recent transformer failures due to
primary circuit breaker switching transients to show the severity of damage
caused by the voltage surge and discuss the common contributing factors
```

XML List of Upcoming R3 Meetings

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```

<meetings>
  <title>
    vTools.Meeting List, Copyright (c) 2012 by IEEE, All Rights Reserved
  </title>
  <time_utc>Sun Apr 29 19:58:53 UTC 2012</time_utc>
  <meeting>
    <id>10581</id>
    <title>UNC Charlotte Senior Design Expo</title>
    <uid>7475795A-9EFB-102F-97F7-0050568D3657</uid>
    <revision_number>1</revision_number>
    <description>
      <type>Text</type>
      <text>
        The UNC Charlotte Lee College of Engineering's senior design program brings together students and industrial partners in a collaborative research environment. As they tackle real-world engineering projects, the engineering students and their industry sponsors are afforded unlimited possibilities for learning and achievement. To be held on the UNC Charlotte campus, Student Activity Center, Halton arena. Visit http://facilities.uncc.edu/design-services/campus-maps/campus-maps for a campus map. Park in the Cone Visitor's deck. http://srdesign.uncc.edu/expos.html
      </text>
    </description>
    <keywords>Design Engineering capstone exposition</keywords>
    <category>Technical</category>
    <picture_url>
      http://meetings.vtools.ieee.org/meeting\_view/picture/10581
    </picture_url>
    <location>
      <building>Student Activity Center, Halton Arena</building>
      <address1>UNC Charlotte</address1>
      <address2>9201 University City Blvd</address2>
      <city>Charlotte</city>
      <country>US</country>
      <postal_code>28223</postal_code>
    </location>
    <map_url>
      http://facilities.uncc.edu/design-services/campus-maps/campus-maps
    </map_url>
    </meeting>
  </meetings>

```


Text View of IEEE_meeting_feed.ics made from Upcoming R3 Meetings

This feed has the calendar information for the upcoming meetings. It can be used "one time" to populate a calendar or (more usefully) the calendar system can be set up to read from the URL periodically. It may be that different ranges make sense for reading periodically. The particular link used to create this demo file was <https://meetings.vtools.ieee.org/meetings/ical/0/90/asc/3>.

```

IEEE_meeting_feed.ics -- Edited
BEGIN:VCALENDAR
PRODID:IEEE vTools.Meetings//EN
VERSION:2.0
METHOD:REQUEST
X-WR-CALNAME;VALUE=TEXT:Region 3
X-WR-CALDESC:vTools.Meetings Calendar for Region 3
X-PUBLISHED-TTL:P15M
BEGIN:VEVENT
DTSTART:20120501T133000Z
DTEND:20120501T180000Z
SUMMARY;ENCODING=QUOTED-PRINTABLE:Circuit Breaker Switching Transients on
Medium-Voltage Transformers

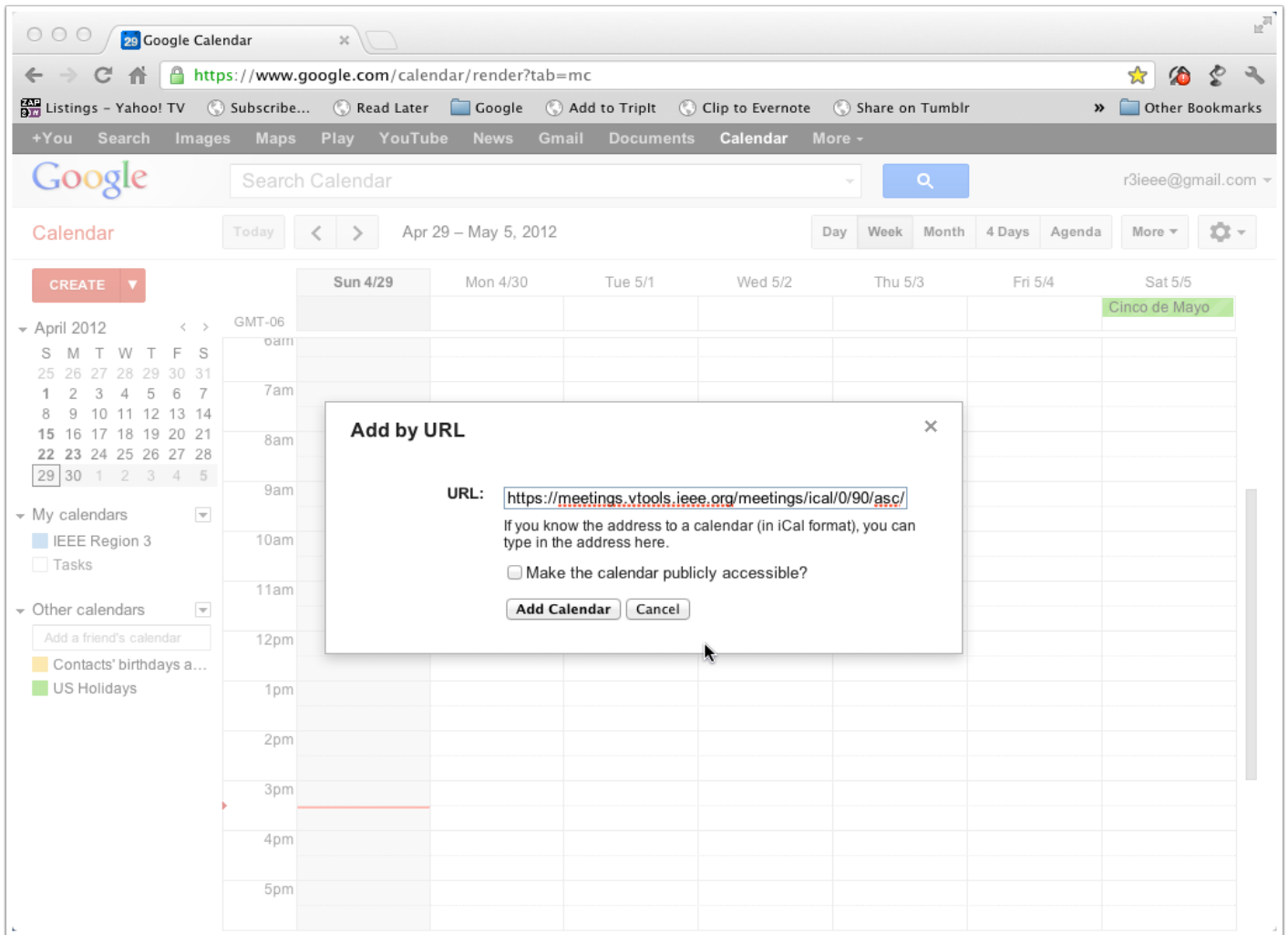
LOCATION:City: Nashville
UID:C39A1B66-D47B-102F-97F7-0050568D3657
SEQUENCE:1
DTSTAMP:20110331T211917Z
LAST-MODIFIED:20110331T211917Z
ORGANIZER:
DESCRIPTION:Switching transients associated with circuit breakers have
been observed for many years. Recently this phenomenon has been
attributed to a significant number of transformer failures involving
primary circuit breaker switching. These transformer failures had common
contributing factors such as 1) primary vacuum or SF-6 breaker, 2) short
cable or bus connection to transformer, and 3) application involving dry-
type or cast coil transformers and some liquid filled.\n
\n
This meeting will review these recent transformer failures due to primary
circuit breaker switching transients to show the severity of damage caused
by the voltage surge and discuss the common contributing factors. Next,
switching transient simulations in the electromagnetic transients program

```

Google Calendar

The screenshot shows the Google Calendar web interface. The browser address bar displays <https://www.google.com/calendar/render?tab=mc>. The page header includes the Google logo, a search bar, and the user's email address `r3ieee@gmail.com`. The main calendar view is set to 'Apr 29 - May 5, 2012' and is displayed in a 'Week' view. The left sidebar contains a 'CREATE' button, a monthly calendar for April 2012, and sections for 'My calendars' (listing 'IEEE Region 3' and 'Tasks') and 'Other calendars'. A red circle with the number '1' highlights the '+' icon next to 'Other calendars'. A dropdown menu is open, showing options: 'Add a friend's calendar', 'Browse Interesting Calendars', 'Add by URL' (with a red circle and number '2'), 'Import calendar', and 'Settings'. A red arrow points from a black callout box containing the text 'Use this for one-time import of calendar' to the 'Import calendar' option.

Google Calendar



Region 3 Calendar after linking Region 3 Upcoming Meetings ical feed (Week View)

The screenshot shows a Google Calendar interface in week view for the week of April 29 to May 5, 2012. The browser address bar shows the URL <https://www.google.com/calendar/render?tab=mc>. A notification at the top states "Calendar was imported successfully." The calendar grid shows events for Tuesday, Thursday, and Friday. The left sidebar lists calendar sources: "My calendars" includes "IEEE Region 3" and "Tasks"; "Other calendars" includes "Contacts' birthdays a...", "Region 3" (highlighted with a red arrow), and "US Holidays".

Day	Sun 4/29	Mon 4/30	Tue 5/1	Wed 5/2	Thu 5/3	Fri 5/4	Sat 5/5
9am							Cinco de Mayo
10am			8:30 - 1p Circuit Breaker Switching Transients on Medium-Voltage Transformers		10 - 1p UNC Charlotte Senior Design Expo	10:30 - 12p Over The Horizon Radar	
11am							
12pm							
1pm							
2pm							
3pm							
4pm							
5pm							

Region 3 Calendar after linking Region 3 Upcoming Meetings ical feed (Month View)

The screenshot shows a Google Calendar interface for April 2012. The calendar is in month view, showing a grid of days from Sunday to Saturday. A notification at the top center reads "Calendar was imported successfully." The left sidebar contains a "CREATE" button, a calendar navigation widget for April 2012, and a list of calendars: "My calendars" (IEEE Region 3, Tasks) and "Other calendars" (Contacts' birthdays a..., Region 3, US Holidays). The main calendar grid shows the following events:

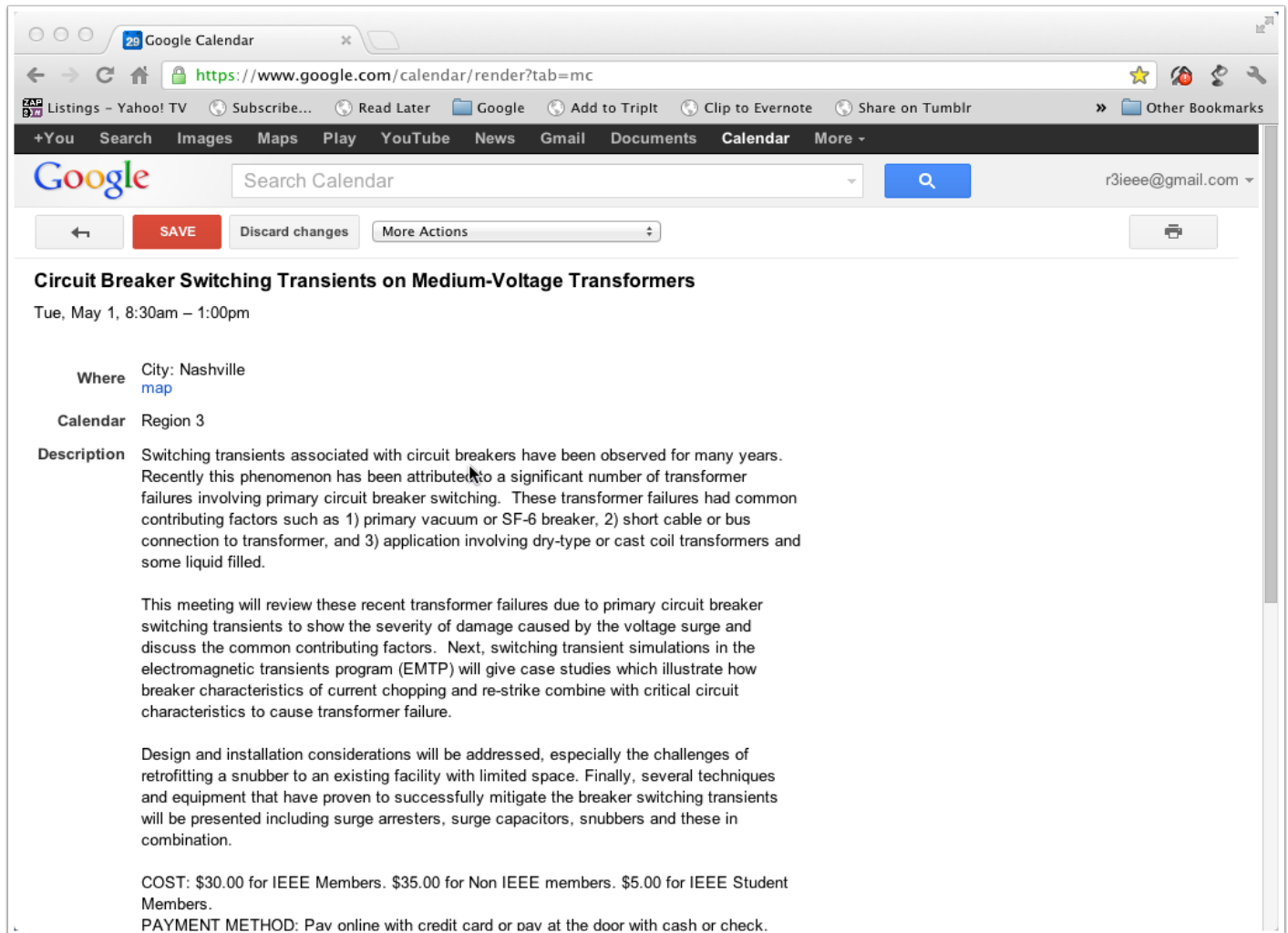
Sun	Mon	Tue	Wed	Thu	Fri	Sat
Apr 1 April Fool's Day	2	3	4	5	6	7
8	9	10	11	12	13	14
15 Tax Day	16	17	18	19	20	21
22 Earth Day	23 8p R3 Excom Meetin	24	25	26	27	28
29	30	May 1 8:30 Circuit Breaker 6:30p IEEE Washing	2	3 10 UNC Charlotte Se	4 10:30 Over The Hori	5 Cinco de Mayo

Click on event

The screenshot shows a Google Calendar interface for April 2012. A modal window is open over the calendar, displaying details for an event titled "Circuit Breaker Switching Transients on Medium-Voltage Transformers". The event is scheduled for Tuesday, May 1, from 8:30am to 1:00pm in Nashville, TN. The event is associated with the "Region" calendar. The background calendar shows various holidays and events for April, including April Fool's Day, Tax Day, Earth Day, and several IEEE-related events.

Sun	Mon	Tue	Wed	Thu	Fri	Sat
Apr 1 April Fool's Day	2	3	4	5	6	7
8	9	10	11	12	13	14
15 Tax Day	16	17	18	19	20	21
22 Earth Day					27	28
29		8:30 Circuit Breaker 6:30p IEEE Washing		10 UNC Charlotte Se	10:30 Over The Hori	Cinco de Mayo

More details



The screenshot shows a web browser window displaying a Google Calendar event. The browser's address bar shows the URL <https://www.google.com/calendar/render?tab=mc>. The page title is "Circuit Breaker Switching Transients on Medium-Voltage Transformers". The event is scheduled for Tuesday, May 1, from 8:30am to 1:00pm. The location is listed as "City: Nashville" with a "map" link. The calendar is "Region 3". The description provides a detailed overview of the meeting's content, including a review of transformer failures, a discussion on switching transients, and design considerations. It also lists the cost and payment method.

Circuit Breaker Switching Transients on Medium-Voltage Transformers
Tue, May 1, 8:30am – 1:00pm

Where City: Nashville
[map](#)

Calendar Region 3

Description Switching transients associated with circuit breakers have been observed for many years. Recently this phenomenon has been attributed to a significant number of transformer failures involving primary circuit breaker switching. These transformer failures had common contributing factors such as 1) primary vacuum or SF-6 breaker, 2) short cable or bus connection to transformer, and 3) application involving dry-type or cast coil transformers and some liquid filled.

This meeting will review these recent transformer failures due to primary circuit breaker switching transients to show the severity of damage caused by the voltage surge and discuss the common contributing factors. Next, switching transient simulations in the electromagnetic transients program (EMTP) will give case studies which illustrate how breaker characteristics of current chopping and re-strike combine with critical circuit characteristics to cause transformer failure.

Design and installation considerations will be addressed, especially the challenges of retrofitting a snubber to an existing facility with limited space. Finally, several techniques and equipment that have proven to successfully mitigate the breaker switching transients will be presented including surge arresters, surge capacitors, snubbers and these in combination.

COST: \$30.00 for IEEE Members. \$35.00 for Non IEEE members. \$5.00 for IEEE Student Members.

PAYMENT METHOD: Pay online with credit card or pay at the door with cash or check.