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.
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

Welcome to the IEEE vTools Meeting System
Please select from the following options:
About the vTools Meeting System
Find Meetings
Schedule a Meeting
View Feeds (RSS/HTML/XML/iCal) 1
Create an L31 Meeting Report (for meeting not in system)
List Current L31 Meetings (in my Section)
Search L31 Meeting Reports (across system)
Log out
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.)
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!
## HTML View of Upcoming R3 Meetings

Note these are in ascending order (asc).

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 May 2012</td>
<td>Circuit Breaker Switching Transients on Medium-Voltage Transformers</td>
<td>Thomas J. Dionise, PE, Power Quality Engineering Specialist</td>
</tr>
<tr>
<td>01 May 2012</td>
<td>IEEE Washington/NoVa Sensors Council Chapter</td>
<td>Prof Michael Dickey</td>
</tr>
<tr>
<td>03 May 2012</td>
<td>UNC Charlotte Senior Design Expo</td>
<td>Dr. Fabrizio</td>
</tr>
<tr>
<td>04 May 2012</td>
<td>Over the Horizon Radar</td>
<td>Dr. Fabrizio</td>
</tr>
<tr>
<td>08 May 2012</td>
<td>The Impact of Plug-in Electric Vehicles on the Electric Grid</td>
<td>Stanton W. Hadley</td>
</tr>
<tr>
<td>11 May 2012</td>
<td>IEEE WNC EXCOM</td>
<td></td>
</tr>
<tr>
<td>15 May 2012</td>
<td>IEEE ENCS &quot;Geomagnetic Disturbance and Risks to Electric Power Systems.&quot;</td>
<td></td>
</tr>
<tr>
<td>17 May 2012</td>
<td>Overview of Modern Airborne RADAR Systems</td>
<td>William &quot;Bill&quot; Dykeman</td>
</tr>
<tr>
<td>18 May 2012</td>
<td>Coastal SC - Technical Tour - Lake Marion Water Treatment Plant</td>
<td>Lake Marion Water Treatment Plant</td>
</tr>
<tr>
<td>21 May 2012</td>
<td>IAS Atlanta - The Different Neutral Grounding Methods</td>
<td>John Levine, Levine Lectronics and Lectric</td>
</tr>
<tr>
<td>25 May 2012</td>
<td>Alabama Section ExCom Mtg - May 25, 2012</td>
<td></td>
</tr>
<tr>
<td>04 June 2012</td>
<td>Alabama Section Meeting - &quot;Where We Are as a Result of Fukushima&quot;</td>
<td>David Gambrell</td>
</tr>
<tr>
<td>04 June 2012</td>
<td>ComSoc Distinguished Lecturer - Dr. Fabrizio Granelli</td>
<td>Dr. Fabrizio Granelli</td>
</tr>
<tr>
<td>05 June 2012</td>
<td>Coastal SC June Meeting - Systems Theory, Systems Thinking</td>
<td>Stephanie M. White, Ph.D.</td>
</tr>
<tr>
<td>07 July 2012</td>
<td>Fall Planning session</td>
<td></td>
</tr>
</tbody>
</table>
## HTML Source of Upcoming R3 Meetings

Note 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).

```html
<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>
    </tr>
  </table>
</div>
<!-- <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 />
  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 spikes and discuss the common contributing factors.
</td> --}
```
This XML file does not appear to have any style information associated with it. The document tree is shown below.

```xml
<meetings>
  <title>
    vTools.Meeting List, Copyright (c) 2012 by IEEE, All Rights Reserved
  </title>
  <time_utc>Sun Apr 29 19:50:53 UTC 2012</time_utc>
  <meeting>
    <id>10581</id>
    <title>UNC Charlotte Senior Design Expo</title>
    <uid>7475795A-9EFB-102F-9777-005056DD3657</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>
      <map_url>
        http://facilities.uncc.edu/design-services/campus-maps/campus-maps
      </map_url>
    </location>
  </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.

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.

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, switchign transient simulations in the electromagmnentc transients program
## Google Calendar

- **Add a friend's calendar**
- **Browse Interesting Calendars**
- **Add by URL**
- **Import calendar**

Use this for one-time import of calendar

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>6am</td>
<td>GMT-06</td>
</tr>
<tr>
<td>7am</td>
<td></td>
</tr>
<tr>
<td>8am</td>
<td></td>
</tr>
<tr>
<td>9am</td>
<td></td>
</tr>
<tr>
<td>10am</td>
<td></td>
</tr>
<tr>
<td>11am</td>
<td></td>
</tr>
<tr>
<td>3pm</td>
<td></td>
</tr>
<tr>
<td>4pm</td>
<td></td>
</tr>
<tr>
<td>5pm</td>
<td></td>
</tr>
</tbody>
</table>

Yesterday: 4/30, Today: 5/1, Tomorrow: 5/2, 3 Days: 5/3, 4 Days: 5/4, 5 Days: 5/5, 6 Days: 5/6, 7 Days: 5/7
Google Calendar

URL: https://meetings.vtools.ieee.org/meetings/iCal/0190%20vcs/

If you know the address to a calendar (in iCal format), you can type in the address here.

☑ Make the calendar publicly accessible?

Add Calendar  |  Cancel
Region 3 Calendar after linking Region 3 Upcoming Meetings ical feed (Week View)
Region 3 Calendar after linking Region 3 Upcoming Meetings ical feed (Month View)
Click on event
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. 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.