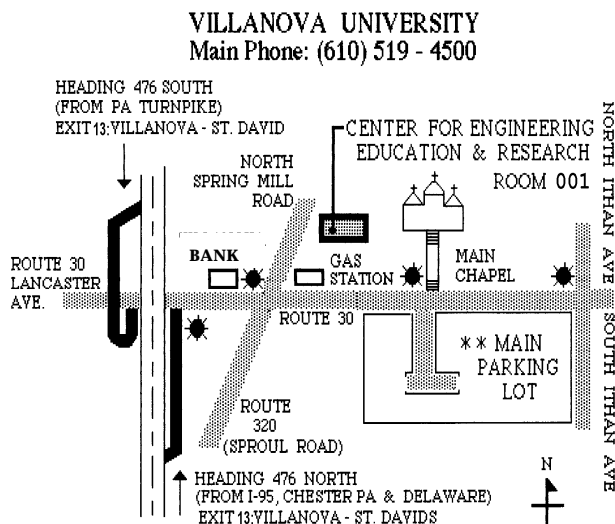




On behalf of:

The **Delaware Valley Power Quality Group**, established in 1993, is a volunteer not-for-profit organization dedicated to providing a state of the art educational forum for the exchange of information pertaining to Power Quality issues and the most technically up to date products and practices.

Directions and map



\*\* PARK IN MAIN LOT.  
PUT A SIGN INSIDE YOUR CAR ON THE FRONT WINDSHIELD. IT SHOULD READ:

ONE-DAY VISITOR  
ATTENDING SEMINAR AT CEER BLDG  
(CAMPUS CONTACT: PROF. MERCEDE)

You are cordially invited to the  
Quarterly Meeting of the  
**Delaware Valley Power Quality Group**

to be held from 10:00 AM to 3:00 PM on  
Wednesday, May 24, 2006 at

**Center for Engineering Education & Research  
Room 001  
Villanova University  
Villanova, PA**

Meeting Agenda:

**Transient Voltage Surge Suppression  
Theory and Application**

Main Speaker:

**Kermit O. Phipps  
EPRI Solutions, Inc.**

**IT'S TIME TO RENEW YOUR  
DVPQG MEMBERSHIP FOR 2006.  
3 YEAR RENEWAL IS THE BEST  
VALUE!**

# Transient Voltage Surge Suppression Theory and Application

## Program Summary:

The program will explore the contemporary science and application of modern transient surge suppression technologies, design topology, strategies, safety issues and applications as it relates to end use customer facilities and compatibility with other power quality protection solutions

- Applicable standards and what they address
- Ratings and specification sheet evaluation
- Surge protection device testing protocols
- Failure and forensic analysis of surge protection components
- Device design issues
- Application considerations
- Well doesn't the utility side lightning arresters protect me?
- How insurance carriers view the use of surge protection
- Maintenance of surge protection devices and systems
- Surge suppression confessions or the sins of a surge suppressor (questions and answers)

## Speaker: Kermit O. Phipps

Sr. Power Quality and EMC Specialist  
EPRI Solutions, Inc.

Mr. Kermit O. Phipps is a Senior PQ and EMC Specialist at EPRI Solutions. In his tenure, he has conducted laboratory investigations of electronic ballasts, transient voltage surge suppressors, and uninterruptible power supplies, among end-use equipment. His research and testing also focuses on electromagnetic compatibility (EMC), power-line filters, development of EMC test instrumentation, and characterizing various types of radiated and conducted electromagnetic environments. Mr. Phipps is the author of test plans, protocols, and research papers presented at international power quality conferences. He is also a member of the IEEE, a member of the IEEE EMC TC-4 Working Group, and recently served as the chairman of the working group that developed the new IEEE 1560 Standard for Methods of Measurement of Radio Frequency Power Line Interference Filter in the Range of 100 Hz to 10 GHz. Mr. Phipps is a Certified EMC Engineer by NARTE (National Association of Radio and Telecommunications Engineers).

### Meeting Information:

Place: Center for Engineering  
Education & Research – Rm 001  
Villanova University  
Villanova, PA

Date: Wednesday, May 24, 2006  
Time: 10:00 AM to 3:00 PM

Lunch Will Be Provided  
Please respond by Fri., May 19, 2006

REGISTRATION:

NAME: \_\_\_\_\_

COMPANY: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

PHONE: (     ) \_\_\_\_\_

(include area code)

FAX: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Category:  Academic  Contractor  Utility  
 Consultant  Manufacturer (Rep)  End User

### Registration Fee:

To become a 2006 member of the DVPQG and receive notification of all future meetings, training, and events, please select the appropriate option. Yearly membership runs from January 1 to December 31 of each year.

1.  Meeting – DVPQG Member      \$ 35.00
2.  Meeting – Non-Member      \$ 55.00
3.  Mtg. & 2006 Membership      \$ 60.00
4.  Meeting & (3) yr. Membership      \$105.00
5.  2006 Membership Only      \$ 30.00

SEATING IS LIMITED! Please pre-register...Registration at the door is **\$5.00** extra. (Cancellation and Refund: To cancel your registration and receive a full refund, you must contact DVPQG (i.e. email: treasurer@dvpqg.org or call 717.721.4903) at least 24 hours prior to the meeting. Otherwise, no refunds will be issued.)

Please mail this registration form and a check, made out to "Delaware Valley Power Quality Group, Inc.", for the appropriate registration to:

Delaware Valley Power Quality Group, Inc.  
P.O. Box 511  
East Petersburg, PA 17520-0511

Please respond by May 19, 2006

Please be complete in filling out registration.

You may also pre-register by E-mail to [registrations@dvpqg.org](mailto:registrations@dvpqg.org) and then mail your payment.