

DESIGN, MAINTENANCE AND REHABILITATION OF OVERHEAD TRANSMISSION LINES USING PLS-CADD SOFTWARE

Dates: May 14 – 18, 2012

Location: Hotel Holiday Inn Place d'Italie, Paris, France

Instructor: Sasha DIMOV, MSc Civil Engineering, DIMOV CONSULTING, 69 rue Dunois, 75013 Paris. email: sacha@dimov.fr

PLS-CADD is the industry standard in overhead line design and drafting software. This course will teach the attendee how to use **PLS-CADD** on a project from start to finish, including importing survey data, criteria development, structure design, conductor sagging and plan and profile drawing development in one software platform.

General Topics Covered (course outline available upon request)

- General Overview
- Survey data/ Terrain modelling
- Engineering
 - Design Criteria
 - Sag-tension Calculations
 - Clearance Calculations
 - Structure Calculations
 - Manual Structure Spotting and Stringing
 - Automatic Structure Spotting
- Generation of Construction Documents: Staking Tables, Stringing Charts, Plan and Profile Drawings
- TOWER integration with PLS-CADD and overview of PLS-POLE with PLS-CADD/Lite
- Assessing Existing Lines for Rerating and Uprating, Maintenance and Rehabilitation
- Use of Finite Element Sag Tension when Ruling Span is not applicable

Who Should Attend?

All engineers and technicians whose companies currently use PLS-CADD or are considering purchasing the program should attend the course. The attendee should have some basic understanding of overhead line design concepts as the class will focus on the use of the software and not the theory or fundamentals of line design.

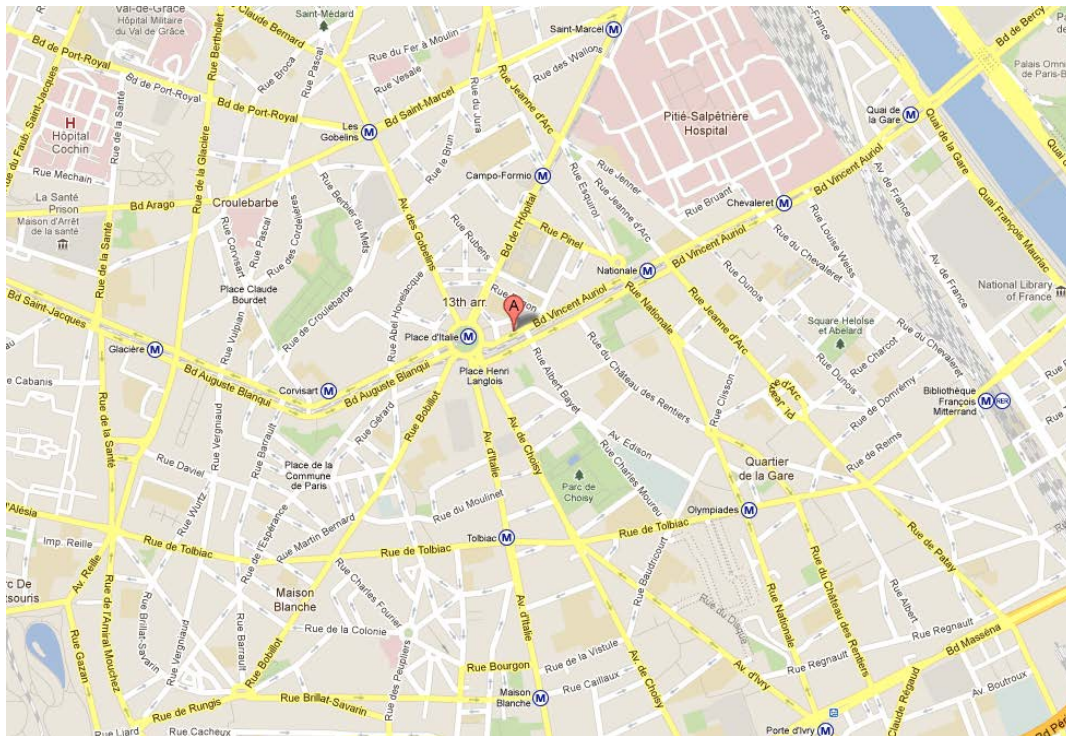
Cost

The cost for this class is 2400 Euro per person. A registration form is attached.

Location Details

The class will be held Monday through Friday, May 14th through the 18th. The course will be conducted at the [Hotel Holiday Inn Place d'Italie](http://www.hiexpress.com/hotels/us/en/paris/parpi/hoteldetail/directions), Paris, France (<http://www.hiexpress.com/hotels/us/en/paris/parpi/hoteldetail/directions>). Attendees should make hotel reservations directly with the hotel before April 14, 2012. Below is a detailed map showing the location of the hotel.

The class daily schedule will be 8:30-12:00; lunch break; and from 13:30-17:00



Class Materials and Laptop

Attendees will provide their own laptop computer for the training. Hardware keys and the latest PLS-CADD software will be provided for the duration of the class. If bringing a laptop computer with software currently installed be sure to have the current version (see <http://www.powline.com/current.html>) installed on your computer, with your key working prior to arrival at the class. The initial installation of the hardware key and software requires administrative privileges which may only be provided by your IT staff. **Be sure to obtain administrative privileges on your machine prior to attending the class.**

Trainees who do not have a laptop can arrange to hire a computer for use at the course for an additional fee, or follow the course on the screen. Contact Mr. Dimov for details.

PLS-CADD Class Registration Form

May 14th – 18th, 2012 in Paris, France

Each attendee must submit a completed form to register – please print.

Please email this form to: sacha@dimov.fr, cc to sales@powline.com ; or fax to +1 608-238-9241

Attendee Information

Name (First/Last) _____ Phone _____

Company _____ Fax _____

Address _____ Email _____

Payment Information

Full payment is recommended prior to the class in order to confirm a seat. Seats are reserved on a first-paid first-reserved basis and are limited to 25 people. Payment with credit card is preferred.

I authorize Power Line Systems, Inc. to charge my ___MasterCard ___Visa for the amount of **2400 Euro**. Note that Power Line Systems can only accept MasterCard or VISA credit cards. All attendees will be supplied with just the training software and hardware key to use during the class. All attendees are expected to provide their own laptop computer for the training.

Cardholder Name _____ Signature _____

Card No. _____ Expiration Date _____

Credit Card Billing Address _____

(if different than above) _____

Country _____

___ Request an invoice for the class to be emailed to the attendee above

___ Attendee requests a laptop be provided at the class: contact sacha@dimov.fr for details

Cancellation Policy

Confirmed registrants who do not participate or who cancel after May 7, 2011, will forfeit their entire registration fee. The course provider reserves the right to cancel the training session and will refund the entire class registration fee in the unlikely event this happens.