Siemens Power Academy in Argentina - PSS\textsuperscript{E} Training Series

During the last week of October 2011, Siemens PTI Argentina, in collaboration with Siemens PTI United States and Siemens Power Academy, offered training courses to power engineers in Buenos Aires, Argentina.

The week of October 30 to November 4, 2011 a PSS\textsuperscript{E} – Advanced Dynamic Simulation training course was held in Buenos Aires at the Siemens Training Center facilities in the neighboring San Martín area. The course was taught by Dr. Carlos Grande Morán a principal consultant from Siemens PTI US (Network Consulting Department). The training course had a strong emphasis on system modeling and analysis.

How did this course come to fruition? After delivering the PSS\textsuperscript{E} – Introduction to Power Flow and Steady State Analysis course in February 2011, several requests were made by attendees for the next available session of PSS\textsuperscript{E} training to be geared towards advanced users.

With much collaboration between all parties, we concluded that training for PSS\textsuperscript{E} – Dynamic Simulation would be the best option for PSS\textsuperscript{E} users in this region. A total of 15 students from Argentina, Paraguay and Uruguay participated in this course, indicating their interest to take additional training courses in the future.
The main objective of this course was to provide training to perform studies in power system dynamics to users with hands-on experience using PSS®E. The topics included modeling of conventional and renewable power sources, transient, small signal and long term dynamics, reactive power and voltage control, voltage stability, load modeling and dynamics and more.

The training center was fully equipped with one computer per student. Each student received a set of notes that complemented the hands-on computer exercises. The class was composed of professionals from the power utilities, consulting companies and governmental regulatory institutions. The students had tremendous experience learning about new features in PSS®E, as well as the opportunity to network with industry peers.

This multidisciplinary makeup of PSS®E users confirms the flexibility and excellent performance that PSS®E offers to the regional market. This training was delivered in Spanish and the customers’ feedback was extremely positive. They were very satisfied with the technical scope of the training and the instructor’s expertise.

Siemens PTI Argentina is proud to provide to the market a tailored Siemens Power Academy solution, not only for Argentineans but also for Uruguayan and Paraguayan PSS®E users. With the addition of a new local instructor, we are working to provide customers in the South America region with continued training dedicated to new and advanced users. Customized one- or two-day training courses are also available for PSS®E basic modules, Load Flow and Dynamics.

**What students are saying:**

“I'd like to emphasize the high quality level of the course I took in Argentina during October 2011, as far as the topics that were developed as well as the high degree of knowledge contributed by the trainer Dr. Carlos Grande Moran and its academic hierarchy along with its added value of multiple examples contributed from his vast experience in the professional exercise.”

- Ariel Albanese, Planning Department - EDELAP S.A. - Argentine

**Are travel restrictions making training almost impossible?**

Have Siemens Power Academy come train at your location.

If you need to train twelve or more students, then an on-site course may be your answer. Siemens Power Academy offers on-site and customized development training options providing you added convenience and cost savings of no travel and living expenses.

For additional information, contact Siemens Power Academy at: pti-edpro.ptd@siemens.com or call 518-395-5005.