PSL Spin-Offs

Adaptricity is a young ETH Zurich spin-off company incorporated in March 2014. Adaptricity develops innovative software tools for the simulation, optimization, and control of active electricity distribution networks. The goal is to build great products that facilitate the transition towards high renewable energy shares and smart electricity grids during the years and decades to come.

The first product, the simulation software DPG.sim, provides a comprehensive simulation environment for active distribution grids based on time series. It allows Distribution System Operators to integrate SmartGrid features (such as distributed storage, demand response, or controllable low-voltage transformers) into their grid planning processes. This enables optimal decision-making in costly grid upgrade projects and the improved utilization of the existing grid infrastructure. Furthermore, SmartGrid researchers can use DPG.sim for simulating active distribution grids and for designing SmartGrid control and operation strategies.

Adaptricity is a finalist of the Axpo Energy Award 2013 and was admitted into the Venture Kick and Innovate4Climate startup acceleration programs.

Adaptricity is currently located at the Power Systems Laboratory of ETH Zurich.

www.adaptricity.com

Plexim is a global leader in simulation software for power electronic systems. The software PLECS enables customers to speed up product development and innovation by reducing design time and cost.

Plexim’s leadership is based on the latest software technologies and simulation algorithms combined with pioneering concepts for modeling. By carefully listening to engineering experts, Plexim offers new solutions for customers’ needs, today and tomorrow.
Since 2002, PLECS is the industry standard for power electronics simulation across various industries. Typical applications are renewable energy, automotive, aerospace, industrial and traction drives, and power supplies. Plexim’s customers include market leaders such as ABB, Bombardier, Bosch, Danfoss, GE, Philips, Siemens and SMA.

Plexim GmbH was founded as a spinoff company from the Swiss Federal Institute of Technology ETH Zurich in June 2002. It was first hosted by the Power Systems Laboratory at the Department of Information Technology and Electrical Engineering. In February 2005, the headquarters were moved to Technopark Zurich to accommodate the company's growth. In April 2009, Plexim opened an office in Cambridge, Massachusetts to provide direct technical support to North American customers.

www.plexim.ch