



Visit Tech-X at Booth #6 at the combined 64th Gaseous Electronics Conference and 53rd Annual Meeting of the APS Division of Plasma Physics in Salt Lake City

This year the 64th Gaseous Electronics Conference (<http://cm.wsu.edu/ehome/index.php?eventid=23665&>) is co-located with the 53rd Annual Meeting of the APS Division of Plasma Physics (<http://apsdpp.org/index.php>), being held the November 14-18, 2011 in Salt Lake City, Utah. Tech-X Corporation invites you to visit our booth (Booth #6) at this combined conference.

We are proud to present the latest release of our electromagnetic plasma simulation software, VORPAL (<http://vorpall.txcorp.com>). VORPAL 5.0.0 includes improved documentation, simplified installation on all platforms, additional collision models, import of user-defined secondary electron yield data, a new photoemission model, delta-F particles for modeling tokamak geometries, and new field updaters.

Personnel from Tech-X and/or their collaborators will be participating in the following activities:

Session QRP1: Poster Session II: Plasma Appl. II; Charged Particle Collisions II; Plasma Sources II; Plasma Data Exchange Project; Plasma Diag. Tech. II; Plasma Modeling/Simulations II; Basic Plasma Phenomena II

**3:30 PM-3:30 PM, Thursday, November 17, 2011
Room: Exhibit Hall AB**

QRP1.00005 : Particle-in-Cell simulations of filamentary structures formation in DBD-tissue interaction

Alexandre Likhanskii, Peter Messmer (Tech-X Corporation)

QRP1.00037 : Simulating Electron Cyclotron Resonance Heating in Kinetic and Dielectric Plasma Models with VORPAL

Christine Roark, David Smithe, Peter Stoltz (Tech-X Corporation)

QRP1.00048 : Kinetic Effects in Low Pressure Capacitively Coupled Plasmas

Alexandre Likhanskii, Christine Roark, Peter Stoltz (Tech-X Corporation)

5621 Arapahoe Ave, Suite A • Boulder, CO 80303

(303) 448-0727 • FAX: (303) 448-7756

www.txcorp.com

Tech-X Corporation

Session TF1: Plasma Propulsion and Aerodynamics

9:30 AM-12:30 PM, Friday, November 18, 2011

Room: 255D

TF1.00006 : Numerical investigation of pulsed-driven DBD plasma actuator

11:15 AM-11:30 AM

Alexandre Likhanskii (Tech-X Corporation); Mikhail Shneider, Richard Miles (Princeton University), Sergey Macheret (Lockheed Martin)

###

© 2011 Tech-X Corporation