

Tech-X Corporation at 31st International Free Electron Laser Conference August 23 - 28 in Liverpool UK

Location

Tech-X Corporation invites you to visit our literature table at the 31st International Free Electron Laser Conference, August 23 - 28, in Liverpool, UK.

Announcement

We are proud to present the latest release of our electromagnetic plasma simulation software, VORPAL (<http://vorpal.txcorp.com>). VORPAL 4.0 provides for the first time parallel and multi-core capability to the Windows platform (as with previous versions, VORPAL 4.0 also runs in parallel on the Linux and Macintosh platforms). Let VORPAL 4.0 help you take full advantage of your multi-core desktop computer. Other new capabilities include:

- cylindrical coordinates for electromagnetic simulation
- automated eigenfrequency and eigenmode extraction from time-domain simulation
- new secondary electron models that allow simulations of complex metallic and dielectric boundaries of arbitrary shape without stairsteps
- improved post-processing, including automated import into the VisIt software for advanced visualization
- improved documentation, including a detailed, 180-page reference manual, a 160-page users guide, and a 157-page examples guide

See the [FEL09 website](#) for details.