

PLASMA DEVICE WORKSHOP 2009 (PDW2009)

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University of Innsbruck, Austria

Workshop Content:

- **Basic Course:** 23-25 March
registration: US\$1500 before 01Mar2009, US\$1800 after
 - Particle-in-cell fundamentals
 - physics models
 - algorithms, accuracy, stability
 - numerical parameter selection
 - Berkeley PTSG suite of PIC codes
 - graphical user interface
 - post-processing data (e.g. in Matlab)
 - user added diagnostics
 - Applications to sheath and device physics
- **Advanced Course:** 25-27 March US\$3000
Assistance with *your* research problem. Capacity limited due to need for individual attention and significant preparation.
Prerequisites: must have taken the Basic Course previously;
advance registration **required**

Instructors:

- Prof. John Verboncoeur, University of California at Berkeley
- Guest lectures by Dr. David Tskhakaya, University of Innsbruck
- Hosted by Prof. Siegbert Kuhn, University of Innsbruck