PLASMA DEVICE WORKSHOP 2009  
(PDW2009)  
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23-27 March 2009  
University of Innsbruck, Austria

Workshop Content:

- **Basic Course**: 23-25 March  
  registration: US$1500 before 01Mar2009, US$1800 after  
  o Particle-in-cell fundamentals  
    ▪ physics models  
    ▪ algorithms, accuracy, stability  
    ▪ numerical parameter selection  
  o Berkeley PTSG suite of PIC codes  
    ▪ graphical user interface  
    ▪ post-processing data (e.g. in Matlab)  
    ▪ user added diagnostics  
  o 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