

## **SESSION C**

Wednesday, October 21, 1992

**8:30 a.m.**

### **Applications**

#### **Papers:**

1. **Recent Developments in Monte Carlo Techniques**  
- George Zimmerman (LLNL)
2. **Simulation of Particle Beam Diodes with an Electromagnetic Particle-in-Code**  
- Jeff Quintenz (SNL)
3. **Monte Carlo Laboratory Status in VNIEF**  
- Yuriy Kochubey (Arzamas)
4. **Radiation Transport Calculation without Local Thermodynamic Equilibrium**  
- Yuriy Kochubey (Arzamas)
5. **Mathematical Modeling of Flexible Plastics and Destruction of Materials.  
Seismic Decoupling of an Underground Nuclear Explosion**  
- Vladimir Bychendov, Valentin Kuropatenko, et al (Chelyabinsk)