

# **Session TU1B**

## **Progress in Time-Domain Techniques**

**Chairman:**

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FDTD and TLM techniques are increasingly becoming the methods of choice for the modeling and simulation of complex electromagnetic phenomena and wave interactions. Recent research activities emphasize improvements in numerical accuracy and modeling versatility of the methods. Recent advances in the development of robust, accurate absorbing boundary conditions for grid truncation help increase the computational efficiency of these methods. Such advances are essential for the application of FDTD and TLM methods to component and circuit design.

**8:30 a.m.–10:00 a.m., Tuesday, May 16, 1995**  
**Room A2**