



**ELECTRONICS AND PHOTONICS TECHNOLOGY OFFICE**  
**welcomes your participation and input!**

**Workshop on**  
**Advanced Wireless Communications:**  
**Are We Ready?**

November 17, 1999  
8:30 a.m. - 12:00 Noon

DoubleTree Hotel, San Jose, California

This workshop will bring together experts from U.S. companies and academia to identify the technical barriers and challenges that need to be overcome to enable 3G and beyond wireless communications systems. Particular emphasis will be given to identifying: the enabling technologies that must be developed; the new industrial capabilities to be achieved; and synergies between future American companies' needs and ATP funding opportunities. Attend this workshop to:

- hear where wireless communications is headed
- explore ATP's role in furthering U.S. leadership in technologies for advanced wireless communications
- identify the areas of technology development that ATP should fund
- discuss opportunities for future ATP partnerships

***Make plans to attend the ...***  
***1999 ATP National Meeting***

November 15-17, 1999  
DoubleTree Hotel, San Jose, CA

***We encourage your involvement ...***

***How can we accelerate the new ideas, new technologies and new markets of tomorrow? Are you from industry, academia or government? Are you interested in exploring emerging R&D investment directions and opportunities?***

***You can't afford to miss this meeting!***

<http://www.atp.nist.gov/nationalmeeting>



**For more information contact:**

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**AGENDA: SESSION 17**

**Advanced Wireless Communications: Are We Ready?**

**Wednesday, November 17, 1999**

- 8:30 **Introduction and Welcome**  
Elissa Sobolewski, NIST/ATP
- 8:40 **Wireless Communications: Where We Are Today, Where We'll Be Tomorrow**  
Dr. Harold Sobol, University of Texas at Arlington (retired)
- 9:00 **Overview of the WTEC Study on Wireless Technologies and Information Networks**  
Anthony Ephremides, University of Maryland
- 9:30 **Front End Hardware for Future Generation Wireless Communications Systems**  
Tatsuo Itoh, UCLA
- 10:00 **Coffee Break**
- 10:15 **Convergence of Broadband Wireless Access**  
Sanjay Moghe, ADC Telecommunications  
Joy Laskar, RF Solutions, LLC
- 10:45 **Panel Discussion: Trends and Opportunities in Wireless Communications and Barriers for Generation-after-Next Wireless Communications**  
Moderator: TBA
- Panelists:
- George Bechtel, Strategies Unlimited
  - Carl Chun, RF Solutions, LLC
  - Mike Golio, Rockwell Collins
  - Mark Grabb, GE CR&D
  - Amer Hassan, Teledesic Corporation
  - J. Stevenson Kenney, Spectrian
- 11:45 **What's Next?**  
Elissa Sobolewski, NIST ATP
- 12:00 **Adjourn**