

# 2009 IEEE AP-S & USNC/URSI Symposium

May 31 to June 6, Embassy Suites & Convention Center  
North Charleston, SC  
<http://www.apsursi2009.org/>

## Registration Form

You may register by mailing or faxing this form, or by using secure online registration available through <http://www.apsursi2009.org> (strongly encouraged). Please use only one registration method to avoid multiple charges. Please visit the website for hotel registration and other information. Hotel reservations are the responsibility of attendees.

**For registration we must receive payment on or before April 16, 2009. Payment received after this date will be considered late and extra fees will apply. No exceptions. Also, authors who default on registration payment will find their papers removed from IEEE Xplore.**

If you wish to mail only your payment, please fill out the online registration and include your registration ID number on your check. Please observe the deadline information above.

If mailing this form (with payment or credit card information), send it to:

2009 IEEE APS/URSI Symposium  
c/o Three Dimensions  
2973 Harbor Blvd. # 166  
Costa Mesa, CA 92626

If faxing this form (with credit card information), fax to: +1 (714) 444-1257. For registration information, call Yvonne Grosek (Three Dimensions) at +1 (714) 540-8638.

Last / Family Name: \_\_\_\_\_

First / Given Name: \_\_\_\_\_

Name as you want it to appear on badge (include title) \_\_\_\_\_

Organization /Affiliation (to appear on badge) \_\_\_\_\_

Street Address (line 1): \_\_\_\_\_

Street Address (line 2): \_\_\_\_\_

City: \_\_\_\_\_

State/Country: \_\_\_\_\_

ZIP/Postal Code: \_\_\_\_\_

Daytime Telephone (Required): \_\_\_\_\_

Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Guest Name for Badge: \_\_\_\_\_

A confirmation receipt will be sent by email.

### PAYMENT INFORMATION

Payment is accepted by credit card (VISA/Mastercard), check, bank draft, or money order. Do not send cash. Wire transfers will not be accepted. If paying by check, bank draft, or money order, payment is accepted in US dollars only, and funds must be drawn on a US bank. Make check, bank draft, or money order payable to: **2009 IEEE APSURSI 119540**

### CREDIT CARD INFORMATION

Credit card (circle one): MasterCard Visa

Card #: \_\_\_\_\_

Security Code #: \_\_\_\_\_

Exp. Date: \_\_\_\_ / \_\_\_\_\_

Billing Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Name as it appears on card: \_\_\_\_\_

Signature of cardholder: \_\_\_\_\_

**Cancellation Policy:** Notice of cancellation must be received in writing by **May 10**. A \$50.00 processing fee will be charged for registrations cancelled prior to **April 30**. **For cancellations between April 30 and May 10 a 50% refund will be given. There will be no refunds after May 10.**

Registration Option	IEEE / URSI MEMBER		NON MEMBERS <sup>1</sup>	
	Until April 16	After April 16	Until April 16	After April 16
AP-S/URSI	\$505	\$605	\$605	\$705
Student <sup>2</sup>	\$355	\$405	\$405	\$455
Retired	\$355	\$405	\$405	\$455
Life Member <sup>3</sup>	0	0	0	0

### REGISTRATION FEES

- Non-member fees include half-year membership in IEEE and AP-S if application for membership is made at the Symposium.
- Proof of IEEE student status is required at the Symposium.
- Per IEEE policy, Life Members are admitted free, but do not receive the CD. Life Members may purchase the CD below.

**Registration Fee** \$ \_\_\_\_\_

**IEEE Member Number** \_\_\_\_\_

#### Digest Media

AP-S/URSI CD-ROMs (included in reg fee) \$   0  

Additional CD-ROMs at \$25 each (only available on or before **April 16th**) \$ \_\_\_\_\_

**Social Events** (see page 3) \$ \_\_\_\_\_

(Be sure to include page 3 when sending this form)

**Short Courses** (see page 2) \$ \_\_\_\_\_

(Be sure to include page 2 when sending this form)

**Lunch Packages** (see page 3) \$ \_\_\_\_\_

**Welcome Reception Admissions** (see page 3) \$ \_\_\_\_\_

**TOTAL FEE** \$ \_\_\_\_\_

**NOTE:** Short courses/workshops and/or social events with insufficient registration may be cancelled and the registrants' fees refunded. **Short Courses/Workshops:** Full descriptions can be found on the symposium website. Short courses are on Sunday, May 31, and Saturday, June 6. Full-day courses are from 8:00 a.m. to 5:00 p.m. and include lunch. Half-day courses are either from 8:00 a.m. to 12:00 noon, or 1:00 p.m. to 5:00 p.m.

<b>2009 AP-S/URSI Short Courses and Workshops</b>					
	Duration	Time	Description	Fee	Late
SC-01	Full Day	5/31	Electromagnetic Band Gap Structures in Antenna Engineering (Fan Yang, Ole Miss; Yahya Rahmat-Samii, UCLA)	\$350	\$400
SC-02	Full Day	5/31	Microwave/mmW Photonic Feed Architectures for Large Phased Arrays (Dilip K. Paul, ACES, Inc.)	\$350	\$400
SC-03	Full Day	5/31	Radio Network Planning in 3G and HSPA Networks (Francisco Falcone, Universidad Publica de Navarra, Spain)	\$350	\$400
SC-04	Full Day	5/31	Reflector Antenna Design and Analysis (Peter Meincke, Ticra)	\$350	\$400
SC-05	Half Day	AM 5/31	Advances in the Design of Electrically Small Antennas (Steven R. Best, MITRE Corporation)	\$225	\$275
SC-06	Half Day	AM 5/31	RFID R/W Antenna Design and Practical Applications (Andrey S. Andrenko, Fujitsu Laboratories LTD.)	\$225	\$275
SC-07	Half Day	AM 5/31	GPU Acceleration of the FDTD Technique (Matthew J. Inman and Atef Z. Elsherbeni, Ole Miss)	\$225	\$275
SC-08	Half Day	PM 5/31	Planar Antennas for Wireless Communications and Their Recent Advances (Prof. Kin-Lu Wong, National Sun Yat-Sen University, Taiwan)	\$225	\$275
SC-09	Half Day	PM 5/31	Design of RFID Transponders and Systems (K. V. S. Rao, Intermec Technologies Corp; Raj Mittra, Penn State University)	\$225	\$275
SC-10	Half Day	PM 5/31	Numerical Inversion of Laplace Transform: Its Theory and Application in Transient Analysis of Electromagnetic Pulses (Qingsheng Zeng, Communications Research Centre Canada)	\$225	\$275
SC-11	Full Day	6/6	Dielectric Resonator Antenna: Theory, Design, and Applications (Ahmed A. Kishk and Branko Kolundzija, Ole Miss)	\$350	\$400
SC-12	Full Day	6/6	Finite Element Analysis of Complex Antennas and Arrays (Douglas Riley, Northrop Grumman Space Technologies; Jian-Ming Jin, University of Illinois at Urbana-Champaign)	\$350	\$400
SC-13	Full Day	6/6	Miniaturization Methods for UWB and Multiband Antennas (John Volakis, The Ohio State University)	\$350	\$400
SC-14	Full Day	6/6	Advanced CEM Techniques for Solving Time Harmonic Maxwell Equations (Jin-Fa Lee, The Ohio State University; Romanus Dyczij-Edlinger, Saarland University Germany)	\$350	\$400
SC-15	Half Day	AM 6/6	Physics of Multiantenna Systems and Adaptive Processing Incorporating Antenna Effects (Tapan Sarkar, Syracuse University; Magdalena Salazar-Palma, Universidad Carlos III de Madrid; Eric Mokole, US Naval Research Laboratory)	\$225	\$275
SC-16	Half Day	PM 6/6	On Ultrawideband Antennas (Tapan Sarkar, Syracuse University; Eric Mokole, US Naval Research Laboratory)	\$225	\$275
W-01	Half Day	AM 6/6	MEMS Reconfigurable and Steerable Antennas (Abbas Abbaspour-Tamijani, Arizona State University)	\$225	\$275

**Total Fee for Short Courses (also enter on page 1)**

\$ \_\_\_\_\_

**Registration for the conference does not include a reservation for a hotel room.** Make your hotel reservations through <http://www.apsursi2009.org>. Rooms are limited and the deadline to make reservations to receive the symposium rate is May 6, 2009. Specify "IEEE-AP-S" when calling by telephone. Call 1-800-362-2779 or 1-843-747-1882 (direct to Embassy Suites Hotel).

**SOCIAL EVENTS<sup>1</sup>** (A full description of the social events can be found on the Symposium website)

	Quantity	Fee
S-1: Charleston Harbor Cruise (Sunday, 5/31, 2:30 pm – 5:15 pm)	_____ @ \$58	_____
S-2: A Day in Historic Charleston Walking Tour (Monday, 6/1, 9:00 am–3:00 pm)	_____ @ \$39	_____
S-3: A Day in Historic Charleston Carriage Tour (Monday, 6/1, 9:00 am–3:00 pm)	_____ @ \$50	_____
S-4: Middleton Place (Tuesday, 6/2, 9:00 am–2:00 pm)	_____ @ \$83	_____
S-5: Ghostly Night on the Town (Tuesday, 6/2, 6:00 pm–10:30 pm)	_____ @ \$31	_____
S-6: Roundtrip Transfers to Charleston <sup>2</sup> (Tuesday, 6/2, 6:00pm–11:00 pm)	_____ @ \$18	_____
S-7: Taste of Charleston Cooking Demonstration (Wednesday, 6/3, 8:30am–1pm)	_____ @ \$75	_____
S-8: <i>Awards Banquet</i> (Wednesday, 6/3, 6:00 pm–10:00 pm)	_____ @ \$35	_____
S-9: East Cooper Culinary Adventure (Thursday, 6/4, 9:00 a.m. – 2:00 p.m.)	_____ @ \$67	_____
S-10: Roundtrip Transfers to Charleston <sup>2</sup> (Thursday, 6/4, 6:00 pm–11:00 pm)	_____ @ \$18	_____
S-11: Fort Sumter Harbor Tour (Friday, 6/5, 10:00 am–1:15 pm)	_____ @ \$40	_____
<b>Total Fee for Social Events (also enter on page 1)</b>		<b>\$ _____</b>
<b>Attendee Lunch Package<sup>3</sup>:</b>	_____ @ \$25	_____
<b>Attendee Guest Daily Lunch<sup>3</sup>:</b>	_____ @ \$20	_____
<b>Total Lunch Packages<sup>3</sup> (also enter on page 1):</b>		_____
<b>Welcome Reception Admission<sup>4</sup> (also enter on page 1):</b>	_____ @ \$10	_____

<sup>1</sup>Social events are intended for attendees (with paid registrations), their spouses, children, and/or guests. Prices are on a per-person basis.

<sup>2</sup>Roundtrip transfers are offered at **\$18 per person**. The transfer buses will be staggered in departure and run in a continuous round robin fashion for the 5 hours. A roundtrip taxi into Charleston from convention area and hotels will cost ~\$60. Those with families may find the cost to rent a car less than using these transfers. Please be advised that if there is not sufficient interest in the transfers by April 30, they will be cancelled and the fee reimbursed. Please make your plans early for Spoleto events and dining in Historic Charleston. See our website at [www.apsursi2009.org](http://www.apsursi2009.org).

<sup>3</sup>An attendee lunch package is \$25 and includes one lunch each day from June 1 to June 5, 2009. This package is available only to registered attendees. Please enter either 0 or 1 for the quantity. The attendee guest daily lunch is available to a guest of a registered attendee for \$20 per day per guest. For quantity, please enter the total number of lunches desired from June 1 to June 5, 2009.

<sup>4</sup>Registered attendees and their guests can attend the welcome reception at Patriots Point (aboard the USS Yorktown) for reduced admission on Monday, June 1, 2009. Food, refreshments, and transportation will be provided at no additional cost. The fee is \$10 per registered attendee or guest.