



Bridging the Broadband Divide  
9-13 June • Budapest, Hungary



WWW.IEEE-ICC.ORG/2013



# Registration Form

All registration fees include the 27% Value Added Tax (VAT)

All original invoice in compliance with VAT regulations will be provided upon request.

\*INDICATES REQUIRED FIELDS – PLEASE COMPLETE

(Please print clearly)

|                               |                        |  |   |  |
|-------------------------------|------------------------|--|---|--|
| *Last/Family/Surname          |                        | *First/Given Name  | *First Name on Badge/Nickname (if different from your First/Given Name) |  |
| *Organization                 |                        | *Job Title   |   |  |
| *Address                      |                        | P.O. Box / Mail Stop   |   |  |
| *City                         | US State/Province      | *Zip/Postal Code   | *Country/Region   |  |
| *Primary Contact Number       | Fax Number             | *Email Address (A valid email address is required to receive confirmation) |   |  |
| IEEE/ComSoc Membership Number | Emergency Contact Name | Emergency Contact Phone Number   | VAT Number  |  |

Members of ComSoc Sister Societies may register at the IEEE MEMBER rate – Please provide your Sister Society Member Number in the space provided and circle your ComSoc Sister Society below. **MEMBER #:** \_\_\_\_\_

ACS AEAI AICA AICT AIU CCIS CIC CIE CIEE CMAI CoE EWI EZS FITCE FRUCT HTE IEICE-CS IEM IETE IIC KICS LIKTA MAEECE POPOV PTC REV SAIEE SBtT SCS SEE SR VDE

Please check this box if you have any special needs. We will contact you if necessary.  
Please indicate what they are \_\_\_\_\_

Please check this box if you have any dietary needs. We will contact you if necessary.  
Please indicate what they are \_\_\_\_\_

|   |   |  |
|---|---|--|
| * I am registering as: (Check all that apply)   | *How did you hear about IEEE ICC 2013?<br>(check all that apply)  | *Main reason for attending?  |
| <input type="checkbox"/> Returning Attendee<br><input type="checkbox"/> First Time Attendee<br><input type="checkbox"/> Industrial Panels Attendee Only<br><input type="checkbox"/> Tutorial/Workshop Attendee Only<br><input type="checkbox"/> Technical Paper Presenter<br><input type="checkbox"/> Tutorial/Workshop Presenter<br><input type="checkbox"/> Industrial Panel Presenter<br><input type="checkbox"/> Technical Paper Author | <input type="checkbox"/> IEEE ICC 2013 Website<br><input type="checkbox"/> Other Professional/Industry Website<br><input type="checkbox"/> E-mail CFP Announcement<br><input type="checkbox"/> Print CFP Announcement<br><input type="checkbox"/> E-mail Program Announcement<br><input type="checkbox"/> Advance Program<br><input type="checkbox"/> Postcard Mailer<br><input type="checkbox"/> Electronic Design Magazine<br><input type="checkbox"/> IEEE Communications Magazine<br><input type="checkbox"/> EDN<br><input type="checkbox"/> Total Telecom | <input type="checkbox"/> Education<br><input type="checkbox"/> Assess/Access Products<br><input type="checkbox"/> Network with Others<br><input type="checkbox"/> Present a Paper<br><input type="checkbox"/> Identify/Assess New Research<br><input type="checkbox"/> Help in Strategic Planning<br><input type="checkbox"/> Sessions with Job Specific Content<br><input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Fierce Telecom<br><input type="checkbox"/> Colleague<br><input type="checkbox"/> Past Attendee<br><input type="checkbox"/> Telephony<br><input type="checkbox"/> Press Release<br><input type="checkbox"/> IEEE.tv<br><input type="checkbox"/> Facebook<br><input type="checkbox"/> Twitter<br><input type="checkbox"/> YouTube<br><input type="checkbox"/> Other _____  |   |  |

|   |   |   |
|---|---|---|
| *Organizational Status: (Check all that apply)  | *What will your organization spend on components, subsystems, and/or systems over the next 12- 24 months?   | *What level of purchasing authority do you have?  |
| <input type="checkbox"/> Industry<br><input type="checkbox"/> Government<br><input type="checkbox"/> Academia<br><input type="checkbox"/> Research & Development<br><input type="checkbox"/> Other: _____ | <input type="checkbox"/> Less than \$100,000<br><input type="checkbox"/> \$100,001- 500,000<br><input type="checkbox"/> \$500,001-10,000,000<br><input type="checkbox"/> \$10,000,001-500,000,000<br><input type="checkbox"/> Over \$500,000,000<br><input type="checkbox"/> Not Applicable | <input type="checkbox"/> Recommend<br><input type="checkbox"/> Specify<br><input type="checkbox"/> Authorized<br><input type="checkbox"/> Not Authorized<br><br>How many ICCs have you attended in the past?<br><input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> >2 |

**Authors must register by Monday, February 25, 2013**

**PLEASE REMEMBER:** At least one author of an accepted paper must register at the FULL OR LIMITED (RG01-RG06) rate even if the author is a student.

**For authors presenting multiple papers, one conference registration is valid for up to three papers.** Please enter your EDAS paper numbers and the number of pages:

EDAS Paper # \_\_\_\_\_ EDAS Paper# \_\_\_\_\_ EDAS Paper# \_\_\_\_\_  
 Number of pages \_\_\_\_\_ Number of pages \_\_\_\_\_ Number of pages \_\_\_\_\_

The registration confirmation code you receive enables you to upload your manuscript to EDAS submission site. Sharing this code with anyone else is unethical and consequences apply. This EDAS Author Account must be accessed using the original submitting author log-in information. Authors with over length papers (6<sup>th</sup> page – US100 over length charge) should pay for these extra pages via EDAS when they upload their final accepted papers.

**PLEASE NOTE:** To be published in the IEEE ICC 2013 Conference Proceedings and IEEE *Xplore*®, an author of an accepted paper is required to register for the conference at the *full or limited* (member or non-member) rate and the paper *must* be presented by an author of that paper at the conference unless the TPC Chair grants permission for a substitute presenter. Non-refundable registration fees must be paid prior to uploading the final IEEE formatted, publication-ready version of the paper. For authors with multiple accepted papers, one full or limited registration is valid for up to 3 papers. Accepted and presented papers will be published in the IEEE ICC 2013 Conference Proceedings and IEEE *Xplore*®.

**FULL and LIMITED REGISTRATION****ON/BY Friday, 26 APRIL****AFTER Friday, 26 APRIL**

- |   |            |            |
|---|------------|------------|
| <input type="checkbox"/> RG-01 - Full IEEE ComSoc Member          | US \$890   | US \$1015  |
| <input type="checkbox"/> RG-02 - Full IEEE Member <sup>1</sup>    | US \$915   | US \$1040  |
| <input type="checkbox"/> RG-03 - Limited IEEE ComSoc Member       | US \$690   | US \$815   |
| <input type="checkbox"/> RG-04 - Limited IEEE Member <sup>1</sup> | US \$715   | US \$840   |
| <input type="checkbox"/> RG-05 - Full Non Member <sup>2</sup>     | US \$1,170 | US \$1,350 |
| <input type="checkbox"/> RG-06 - Limited Non Member <sup>2</sup>  | US \$970   | US \$1,150 |

**ONE DAY REGISTRATION****ON/BY Friday, 26 APRIL****AFTER Friday, 26 APRIL**

- |   |          |          |
|---|----------|----------|
| <input type="checkbox"/> RG-07 - 1 Day IEEE ComSoc Member | US \$505 | US \$590 |
| <input type="checkbox"/> RG-08 - 1 Day IEEE Member        | US \$530 | US \$615 |
| <input type="checkbox"/> RG-09 - 1 Day Non Member         | US \$715 | US \$825 |

Please select the day you will attend:  TUES  WED  THURS

**STUDENT and LIFE MEMBER REGISTRATION****ON/BY Friday, 26 APRIL****AFTER Friday, 26 APRIL**

- |  |          |          |
|--|----------|----------|
| <input type="checkbox"/> RG-10 - IEEE Life Member                              | US \$50  | US \$50  |
| <input type="checkbox"/> RG-11 - IEEE Student Member (FULL TIME STUDENTS ONLY) | US \$310 | US \$370 |
| <input type="checkbox"/> RG-12 - Student Non-Member                            | US \$385 | US \$460 |

**OTHER REGISTRATION****ON/BY Friday, 26 APRIL****AFTER Friday, 26 APRIL**

- |   |               |               |
|---|---------------|---------------|
| <input type="checkbox"/> RG-13 - Workshop Only (See prices below)                   |               |               |
| <input type="checkbox"/> RG-14 – Tutorial Only                                      | US\$ 250 each | US\$ 350 each |
| <input type="checkbox"/> RG-15 – Industrial Panels & Exhibition Access Only         | US\$ 500      | US\$ 600      |
| <input type="checkbox"/> RG-16 – One Day Industrial Panels & Exhibition Access Only | US\$ 350      | US\$ 500      |

1 includes complimentary IEEE ComSoc membership (digital delivery of IEEE Communications Magazine)

2 includes complimentary affiliate ComSoc membership (digital delivery of IEEE Communications Magazine)

3 For certain registration categories (see details below) one free tutorial is included. For each additional tutorial a registration should be paid.

**All registration categories include the ability to purchase Additional Items EX-01, EX-02 and EX-03**

**Full Registration Includes:** Welcome Reception, Keynotes, Invited Talks, Technical Sessions, One Free Tutorial, Conference Banquet, Business and Industrial Panels, Exhibition, Proceedings on USB, Lunch served inside the Hotel (Mon, Tues, Wed), Coffee Breaks and Conference Bag

**Limited Registration Includes:** Welcome Reception, Keynotes, Invited Talks, Technical Sessions, One Free Tutorial, Business and Industrial Panels, Exhibition, Proceedings on USB, Lunch served outside at a nearby venue (Mon, Tues, Wed), Coffee Breaks and Conference Bag

**One Day Registration Includes:** Welcome Reception, Keynotes, Invited Talks, Technical Sessions, Business and Industrial Panels for selected day, Lunch (outside), Coffee Breaks for selected day, Exhibition, Proceedings on USB, and Conference Bag

**Student Registration Includes:** Welcome Reception, Keynotes, Invited Talks, Technical Sessions, One Free Tutorial, Business and Industrial Panels, Exhibition, Proceedings on USB, Coffee Breaks, Conference Bag and Option to buy Lunch (Mon, Tues, Wed)

**Life Member Registration Includes:** Welcome Reception, Keynotes, Invited Talks, Technical Sessions, One Free Tutorial, Business and Industrial Panels, Exhibition, Proceedings on USB, Coffee Breaks, Conference Bag and Option to buy Lunch (Mon, Tues, Wed)

**Tutorial Only Registration Includes:** Welcome Reception, Tutorial Notes and Coffee Breaks on the day of the tutorial

**Workshop Only Registration Includes:** Welcome Reception, Workshop Proceedings on USB, Coffee Breaks and Lunch (Full Day Workshop only) on the day of the Workshop

**Industrial Panels and Exhibition Only Registration Includes:** Welcome Reception, Keynotes, One Free Tutorial, Business and Industrial Panels, Invited Talks, Coffee Breaks, Exhibition, Lunch (outside) (Mon, Tues, Wed) and Conference Bag

**One Day Industrial Panels and Exhibition Only Registration Includes:** Welcome Reception, Keynotes, Business and Industrial Panels, Invited Talks on selected day, Exhibition, Coffee Breaks, Lunch (outside) on selected day and Conference Bag

**Accompanying Companion/Spouse/Significant Other (also referred to as "Guest"):** You are allowed to register only one Guest, who will be given one GUEST badge. Your Guest will not be allowed to attend any conference sessions. However, you may purchase Social Event Tickets for your Guest. Guests must not be an author or co-author.

**TUTORIALS & WORKSHOPS**

- RG-01, RG-02, RG-03, RG-04, RG-05, RG-06, RG-10, RG-11 and RG-12 registrants: Admission to one tutorial is included. For each additional tutorial, a Tutorial Only registration should be paid. Please indicate which tutorial(s) you will attend so we may ensure adequate seating and tutorial materials. (Seat availability in each tutorial is on a First-Come, First-Served Basis). Workshops must be selected and paid for individually.
- RG-13 and RG-14 registrants: these categories are for those wishing to attend the workshops or tutorials only. Registrants must select and pay for each tutorial or workshop they wish to attend.
- RG-15 registrants: Admission to one tutorial only is included. Registrants may purchase additional tutorials at an additional fee as posted below.

**If it is necessary to cancel a tutorial or workshop, liability of IEEE ICC 2013 is limited to refunding the tutorial or workshop fee.**

**TUTORIALS:** Tutorial Only Registration includes Welcome Reception, notes and coffee breaks on day of the tutorial. Please indicate which tutorial you will attend even if this is just the one free tutorial that is included in your registration<sup>4</sup>. For each additional tutorial that is not included in your registration you will be charged a Tutorial Only registration.

4 For RG-01, RG-02, RG-03, RG-04, RG-05, RG-06, RG-10, RG-11, RG-12 and RG-15 registration categories only

#### Half Day Tutorials

On/By Friday, 26 April = \$250

After Friday, 26 April = \$350

#### Sunday, 9 June Morning Tutorials (9:00 – 12:30)

- T1:** Foundations of Network Localization and Navigation
- T2:** Network Coding: From Theory to Practice 2
- T3:** Spatial Modulation (SM) for MIMO Wireless Systems
- T4:** Medium Access Control and Routing in cognitive radio networks: review, classification, cross-layer approach and challenges
- T5:** Massive MIMO Systems

#### Sunday, 9 June Afternoon Tutorials (14:00 – 17:30)

- T6:** Cartography for Cognitive Networks
- T7:** Self Organizing Networks (SON): From Conception to Realization
- T8:** Self-Organizing Small Cell Networks: A Tutorial
- T9:** Power Line Communications: modeling, algorithms and applications
- T10:** Energy Harvesting Wireless Communications

#### Thursday, 13 June Morning Tutorials (9:00 – 12:30)

- T11:** Energy Harvesting Wireless Networks: Energy Management Policies and Protocol Design
- T12:** Network Processing with Bayesian Graphical Models

- T13:** Coordinated Multi-Point in Cellular Networks: From Theoretical Gains to Realistic Solutions and Their Potentials
- T14:** Vehicular Networking: Standards, Protocols, Applications, and Deployment Plans
- T15:** "Do-It-Yourself" Spectrally Agile Waveform Design: Implementing Dynamic Spectrum Access in 24 Hours
- T16:** Autonomic Networks, Principles and Implementation for QoS, Security and Energy Savings

#### Thursday, 13 June Afternoon Tutorials (14:00 – 17:30)

- T17:** Greening the Internet
- T18:** OFDM for Optical Communications
- T19:** Moving Forward in Cellular: Emerging Concepts and Technologies for Beyond-2020 Networks
- T20:** Small Cell and Heterogeneous Network (HetNet) Deployment
- T21:** From Network based Location Estimation to Location Aided Communications
- T22:** Smart Grid Communications and Networking

**WORKSHOPS:** Includes workshop proceedings, coffee breaks and lunch.

**All workshop authors need to register by Friday, 1 March 2013.**

**PLEASE NOTE:** To be published in the IEEE ICC 2013 Workshop Proceedings and IEEE Xplore®, an author of an accepted workshop paper is required to register for the workshop and the paper must be presented at the workshop by an author of that paper at the conference unless the TPC Chair grants permission for a substitute presenter. Non-refundable Workshop registration fees must be paid prior to uploading the final IEEE formatted, publication-ready version of the workshop paper to EDAS.

**For authors presenting multiple workshop papers, one workshop registration is valid for up to three papers in that workshop.** Please enter your EDAS workshop paper numbers and the number of pages:

EDAS Paper # \_\_\_\_\_ EDAS Paper# \_\_\_\_\_ EDAS Paper# \_\_\_\_\_  
Number of pages \_\_\_\_\_ Number of pages \_\_\_\_\_ Number of pages \_\_\_\_\_

The registration confirmation code you receive enables you to upload your manuscript to EDAS submission site. Sharing this code with anyone else is unethical and consequences apply. This EDAS Author Account must be accessed using the original submitting author log-in information. Authors with over length papers (6<sup>th</sup> page – US\$100 over length charge) should pay for these extra pages via EDAS when they upload their final accepted papers.

**Full Day Workshops-** Welcome Reception, Proceedings, Coffee breaks and lunch on the day of the Workshop.

On/By Friday, 26 April = \$350 each

After Friday, 26 April = \$450 each Total # \_\_\_\_\_

#### Monday, 9 June Full Day (9:00 – 17:30)

- W1:** Optical-Wireless Integrated Technology for Systems and Networks
- W2:** Fifth Workshop on Cooperative and Cognitive Networks (CoCoNet5)
- W3:** Beyond LTE-A
- W4:** 2nd International Workshop on Small Cell Wireless Networks (SmallNets)
- W5:** - Workshop on Energy Efficiency in Wireless Networks & Wireless Networks for Energy Efficiency (E2Nets)
- W6:** Workshop on Radar and Sonar Networks (RSN)
- W7:** Workshop on Advances in Network Localization and Navigation (ANLN)
- W8:** Second IEEE Workshop on Telecommunication Standards: From Research to Standards
- W9:** 3rd IEEE International Workshop on Smart Communication Protocols and Algorithms (SCPA 2013)

**Half Day Workshops-** Welcome Reception, Proceedings and coffee breaks on the day of the Workshop

On/By Friday, 26 April = \$250 each

After Friday, 26 April = \$350 each Total # \_\_\_\_\_

#### Friday, 13 June Half Day (9:00 – 12:30)

- W10:** Workshop on Green Broadband access: energy efficient wireless and wired network solutions
- W11:** 1st International Workshop on Mobile Cloud Networking and Services (MCN)
- W12:** - 2nd Workshop on Clouds, Networks and Data Centers - A holistic approach towards an integrated service provider infrastructure
- W13:** Workshop on Beyond Social Networks: Collective Awareness
- W14:** Workshop on Immersive & Interactive Multimedia Communications over the Future Internet

#### Friday, 13 June Half Day (14:00 – 17:30)

- W15:** Workshop on Cloud Convergence: challenges for future infrastructures and services (WCC 2013)
- W16:** 1st IEEE Workshop on Traffic Identification and Classification for Advanced Network Services and Scenarios (TRICANS)
- W17:** Workshop on Emerging Vehicular Networks: V2V/V2I and Railroad Communications
- W18:** Workshop on Networking across disciplines: Communication Networks, Complex Systems and Statistical Physics (NETSTAT)
- W19:** 3rd International Workshop on Molecular and Nanoscale Communication (MoNaCom)

**Tutorial/Workshop Total \$ \_\_\_\_\_**

Name: \_\_\_\_\_

**Additional Items**

- Qty \_\_\_\_\_ EX-01 – Conference Banquet (US \$135)
- Qty \_\_\_\_\_ EX-02 – Additional Proceedings (US \$75 each)
- Qty \_\_\_\_\_ EX-03 – Lunch (outside the venue) (US \$35 each)

\*Select which day(s) you are purchasing lunch for: \_\_\_\_\_ Monday \_\_\_\_\_ Tuesday \_\_\_\_\_ Wednesday

**VISA ASSISTANCE LETTERS:** Non-Authors (Speakers, Committee Members, and paid attendees) requiring visa assistance letters, or authors needing a hard copy of the letter must complete a [Comsoc Visa Assistance Request](http://www.comsoc.org/node/add/visa-assistance-request) (<http://www.comsoc.org/node/add/visa-assistance-request>). Authors should use EDAS to retrieve their personalized visa assistance letters (soft copy in PDF format). Request for a hard copy visa letter will be subject to a \$25 fee to cover the cost of courier delivery.

**CANCELLATION POLICY:** All refund/cancellation requests must be provided via email to [iccreg@ieee.org](mailto:iccreg@ieee.org) (or in writing to the address below) and received by Friday, 26 April 2013. No refunds will be provided after this date. **Please note: author registrations are non-refundable.** There will be a US \$100 administrative fee deducted from each refund.

**PRIVACY OF INFORMATION POLICY:** information provided by the registrant will only be used by IEEE and its organizational units to serve the registrant for this and potentially other IEEE sponsored events, and updating IEEE member records. In no way will any individual information be given through, for example sale, exchange, or loan, to a third party for any reasons except as required by the prevailing law. May IEEE contact you regarding similar IEEE sponsored events, benefits, services, and/or technical products?  Yes  No

**REGISTRATION PAYMENT:** \* PLEASE CHECK ONE  Yes, I would like to receive an IEEE ICC 2013 conference bag  
 No thank-you, I do not want a conference bag

*US \$20 service fee per transaction is required for Payments by Wire Transfer.*

**WIRE TRANSFER/PURCHASE ORDER - US \$20** - Please contact [iccreg@ieee.org](mailto:iccreg@ieee.org) for Wire Transfer instructions.  
Forward the Wire Transfer receipt together with the registration form. Please DO NOT submit this form without payment.

| Registration Total | Tutorials/Workshops Total | Additional Items/Wire Transfer Total | Grand Total |
|--------------------|---------------------------|--------------------------------------|-------------|
| \$ _____           | \$ _____                  | \$ _____                             | \$ _____    |

**CHECK Issued in US Dollars** (Payable to: IEEE ICC 2013)

**Visa**       **MasterCard**       **American Express**       **Discover**

Card Number \_\_\_\_\_ CVC Security Number \_\_\_\_\_ Expiration Date \_\_\_\_\_

Name on Card \_\_\_\_\_ Authorized Signature \_\_\_\_\_

*Mail/Fax/e-mail Completed Registration Form & Payment To: IEEE/MCM: Shana Ramandi, Registrar 445 Hoes Lane, Piscataway, New Jersey 08855 USA  
Tel: +1 732 465 7810 Toll Free (in US or Canada): +1-800-810-4333 Fax: +1 732 465 6447 E-mail: [iccreg@ieee.org](mailto:iccreg@ieee.org)*

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