CONFERENCE REGISTRATION

Your full conference registration fees include admission to all conference sessions, plenaries, panels, workshops, and poster sessions/receptions, admission to the exhibition and SPIE Industry Events, Welcome Reception, Wednesday continental breakfast with dedicated exhibition time, daily coffee breaks, dessert snacks on Tuesday and Wednesday, and a choice of proceedings (excluding student registrations).

Proceedings of SPIE

Full paid registration includes your choice of Proceedings of SPIE (excluding student registrations). See the attached list for product order numbers for proceedings options from this meeting as well as a list of volumes included as part of proceedings collections. You will need a product number when you make your proceedings choice on the registration form.

Available as part of registration:

- **Symposium CD Collection**—a searchable CD of one or multiple proceedings volumes. Available within 8 weeks of the meeting.
- **Symposium Online Collection**—online access to multiple related proceedings volumes via the SPIE Digital Library. Available as papers are published.
- **Printed Proceedings Volume**—a printed book of a single proceedings volume. Available 6 weeks after the meeting.
- **Online Proceedings Volume**—online access to a single proceedings volume via the SPIE Digital Library. Available as papers are published.

Course and Workshop Registration

Course attendees receive CEU credits to fulfill continuing education requirements.

Courses and workshops are priced separately. Course-only registration includes your selected course(s), course notes, coffee breaks, and access to exhibitions. Course prices include applicable taxes.

Additional Proceedings Products and Digital Library Subscriptions

You can purchase additional Proceedings of SPIE or an SPIE Digital Library subscription. See the attached list for the proceedings products available from this meeting. Transfer the product order number and price to the form. Figure the applicable tax and shipping amounts from below; transfer them to the form. Tax and shipping apply to printed proceedings and CDs only; online proceedings do not have tax or shipping charges.

**Tax and Shipping**

- Taxes: USA: CA, FL, and WA state residents add applicable sales tax. Canadian residents add applicable tax.  
  $__________
- Shipping: add 5% to addresses in U.S. or 10% outside U.S.  
  $__________

Payment

This form will NOT be processed if payment is not included or if your signature is not included when paying by credit card. Please complete all information.

Refund Policy for Preregistration

There is a US$50 service charge for processing refunds. Requests for refunds must be received by 9 April 2015; all registration fees will be forfeited after this date. Membership dues, online access to Proceedings, SPIE Digital Library subscriptions, or Special Events purchased are not refundable.
Name and Address

<table>
<thead>
<tr>
<th>First / Given Name</th>
<th>Middle Initial</th>
<th>Last / Family Name</th>
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<table>
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<tr>
<th>Title</th>
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Company

Address (include Mail Stop)

City

State / Province

Zip/Postal Code

Country

Phone

Fax

Email Address (SPIE does not sell email addresses)

Date of Birth

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**SPIE Membership**—Join and save on your registration fees!

- **Regular/Fellow**
  - 1 year: $105
  - 3 years: $297
  - Lifetime: $995

- **Student**
  - 1 year: $20 (Est. graduation date: )

- **Early Career Professional** (offered for 3 years following graduation)
  - 1 year: $55
  - 3 years: $150 (Graduation date: )

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**Conference Registration**

- **Speaker/Author**
  - SPIE Member: $715
  - Nonmember: $775

- **Full meeting plus one symposium online collection**
  - SPIE Member: $715
  - Nonmember: $775

- **Full meeting plus one symposium CD collection**
  - SPIE Member: $715
  - Nonmember: $775

- **Full meeting plus one online proceedings volume**
  - SPIE Member: $620
  - Nonmember: $680

- **Full meeting plus one printed proceedings volume**
  - SPIE Member: $620
  - Nonmember: $680

- **Non-Author Attendee**
  - Full meeting plus one symposium online collection
  - Full meeting plus one symposium CD collection
  - Full meeting plus one online proceedings volume
  - Full meeting plus one printed proceedings volume
  - SPIE Member: $695
  - Nonmember: $755

- **Program Committee**
  - Full meeting plus one symposium online collection
  - Full meeting plus one symposium CD collection
  - Full meeting plus one online proceedings volume
  - Full meeting plus one printed proceedings volume
  - SPIE Member: $695
  - Nonmember: $755

- **Session Chair**
  - Full meeting plus one symposium online collection
  - Full meeting plus one symposium CD collection
  - Full meeting plus one online proceedings volume
  - Full meeting plus one printed proceedings volume
  - SPIE Member: $305
  - Nonmember: $325

- **Guest Welcome Reception**
  - Tickets @ $35 each

(Welcome Reception included with paid registrations. Registered attendees may purchase Guest Tickets)

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**Course(s) and Workshop(s)**

Write the number(s) and price(s) of the courses you will attend. See web for course list, details, and pricing.

<table>
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**Additional Proceedings Products and Digital Library Subscriptions**

Product Order Number: @ $ Product Order Number: @ $  

Tax and shipping (See previous page. Printed and CD products only): $  

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**Subscribe to the SPIE Digital Library**

- 1-year subscription, up to 25 full-article downloads:
  - Member: $145
  - Student/Retired: $95
  - Nonmember: $250

- 1-year subscription, up to 50 full-article downloads:
  - Member: $195
  - Student/Retired: $125
  - Nonmember: $335

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**Payment Method**

Credit card payments will be charged in USD and converted to your local currency by your card company or bank.

- **Check**
  - Amount US$ (payable to SPIE)

**Credit Card**

- VISA
- MasterCard
- American Express
- Discover

**Card Number:**

**Security Code:**

**Expiration Date**

**Signature:**

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Payment must accompany registration.

**TOTAL**

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By registering for this event, I acknowledge that I've read and will abide by SPIE Event Policies (www.spie.org/spiepolicies.xml).
Proceedings.

Full paid registration includes your choice of Proceedings of SPIE (excluding student registrations). See the attached list for product order numbers for proceedings options from this meeting. You will need a product order number when you make your proceedings choice on the registration form.

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- **Online Proceedings Volume**—online access to a single proceedings volume via the SPIE Digital Library. Available as papers are published.

You may also purchase additional proceedings products beyond what you choose with your registration plan. *(Note: Single online proceedings volumes not available for separate purchase).* See below for pricing and product order numbers.

**Accessing Online Proceedings**

Access to purchased online proceedings will be ongoing using your SPIE login credentials; papers are available as they are published.

To access your purchased proceedings:

- Sign in with your SPIE account credentials at [https://spiedigitallibrary.org](https://spiedigitallibrary.org). If you do not have an SPIE account, create one using the email address you used to register for the conference.
- Once you have signed in, click the My Account link at the top of the page. You can access your proceedings in the My Conference Proceedings tab.

*Note:* If your organization subscribes to the SPIE Digital Library, you can also access this content via your organization’s account when logging on through your institution’s network.

Should you need any assistance, please contact SPIE:

- **Email:** SPIEDLsupport@spie.org
- **Phone (North America):** +1 888 902 0894
- **Phone (Rest of World):** +1 360 685 5580

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**SPIE DSS**

**DEFENSE+SECURITY**

<table>
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<tr>
<th>Product Order Number</th>
<th>Symposium CD Collection</th>
<th>Symposium Online Collection</th>
<th>Collection Title/Included Volumes (See next page for volume titles and editors)</th>
<th>Price for separate purchase</th>
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<tr>
<td>CD5568 DLC568</td>
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<td>Defense, Security, and Sensing 2015: Defense, Homeland Security, and Law Enforcement; and Imaging and Sensing 9454, 9455, 9456, 9457, 9458, 9459, 9460, 9461, 9462, 9463, and 9464</td>
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<tr>
<td>CD5569 DLC569</td>
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<td>Defense, Security, and Sensing 2015: Displays; Sensor Data and Information Exploitation; Imagery and Pattern Analysis; and Information Systems and Networks: Processing, Fusion, and Knowledge Generation 9470, 9471, 9472, 9473, 9474, 9475, 9476, 9477, 9478, and 9479</td>
<td>$155</td>
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**SPIE DSS**

**SENSING TECHNOLOGY+APPLICATIONS**

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<tr>
<th>Product Order Number</th>
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<th>Symposium Online Collection</th>
<th>Collection Title/Included Volumes (See next page for volume titles and editors)</th>
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<tr>
<td>CD5570 DLC570</td>
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<td>Sensing Technology and Applications 2015: Imaging and Sensing Technologies; and Sensing for Industry, Environment, and Health 9480, 9481, 9482, 9483, 9484, 9485, 9486, 9487, 9488, 9490, and 9491</td>
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<td>CD5571 DLC571</td>
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<td>Sensing Technology and Applications 2015: Emerging Technologies; Data Visualization; and Information Systems and Networks: Processing, Fusion, and Knowledge Generation 9492, 9493, 9494, 9495, 9496, 9497, 9498, 9499, 9500, and 9501</td>
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<td><strong>DSS 2015</strong></td>
<td><strong>PROCEEDINGS PRODUCTS</strong></td>
<td><strong>Volume Title/Volume Editors</strong></td>
<td><strong>Price for print volume separate purchase</strong></td>
<td><strong>Meeting Attendees Only</strong></td>
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<td>Product Order Number</td>
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<td>Volume Title/Volume Editors</td>
<td>Price for print volume separate purchase</td>
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<tr>
<td>9480 DL9480</td>
<td>Fiber Optic Sensors and Applications XII</td>
<td>Gary Pickrell, Eric Udd, Henry H. Du</td>
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<td>9483 DL9483</td>
<td>Terahertz Physics, Devices, and Systems IX: Advanced Applications in Industry and Defense</td>
<td>Mehtab F. Anwar, Thomas W. Crowe, Tariq Manzur</td>
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<td>9484 DL9484</td>
<td>Compressive Sensing IV</td>
<td>Faunia Ahmad</td>
<td>$53</td>
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<tr>
<td>9485 DL9485</td>
<td>Thermosense: Thermal Infrared Applications XXXVII</td>
<td>Sheng-Jen (Tony) Hsieh</td>
<td>$90</td>
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<td>9486 DL9486</td>
<td>Advanced Environmental, Chemical, and Biological Sensing Technologies XII</td>
<td>Yuan Vu-Dinh, Robert A. Lieberman, Günter G. Gauglitz</td>
<td>$60</td>
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<tr>
<td>9487 DL9487</td>
<td>Smart Biomedical and Physiological Sensor Technology XII</td>
<td>Brian M. Callum, Eric S. McLamore</td>
<td>$60</td>
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<tr>
<td>9488 DL9488</td>
<td>Sensing for Agriculture and Food Quality and Safety VII</td>
<td>Nuoon S. Kim, Kwanglin Chao, Bryan A. Chin</td>
<td>$60</td>
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<td>9489 DL9489</td>
<td>Dimensional Optical Metrology and Inspection for Practical Applications IV</td>
<td>Kevin G. Harding, Taro Yoshizawa</td>
<td>$53</td>
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<td>9490 DL9490</td>
<td>Advances in Global Health through Sensing Technologies 2015</td>
<td>Sarka O. Southern</td>
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<td>9491 DL9491</td>
<td>Sensors for Extreme Harsh Environments II</td>
<td>Debbie G. Senesky, Sachin Dekate</td>
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<tr>
<th>Product Order Number</th>
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<tr>
<td>9492 DL9492</td>
<td>Advanced Photon Counting Techniques IX</td>
<td>Mark A. Itzler</td>
<td>$60</td>
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<tr>
<td>9494 DL9494</td>
<td>Next-Generation Robotics II; and Machine Intelligence and Bio-inspired Computation: Theory and Applications IX</td>
<td>Dan Popa, Mothu B. J. Wijesundara, Misty Blowers</td>
<td>$53</td>
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<tr>
<td>9495 DL9495</td>
<td>Three-Dimensional Imaging, Visualization, and Display 2015</td>
<td>Bahram Javidi, Jung-Young Son</td>
<td>$70</td>
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<tr>
<td>9496 DL9496</td>
<td>Independent Component Analyses, Compressive Sampling, Large Data Analyses (LDA), Neural Networks, Biosystems, and Nanoengineering XIII</td>
<td>Harold H. Szu</td>
<td>$53</td>
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<tr>
<td>9499 DL9499</td>
<td>Next-Generation Analyst III</td>
<td>Barbara D. Broome, Timothy P. Hanratty, David L. Hall, James Llinas</td>
<td>$45</td>
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<tr>
<td>9500 DL9500</td>
<td>Quantum Information and Computation XIII</td>
<td>Eric Donkor, Andrew R. Pinch, Michael Hayduk</td>
<td>$80</td>
</tr>
<tr>
<td>9501 DL9501</td>
<td>Satellite Data Compression, Communications, and Processing XI</td>
<td>Barmin Huang, Chein-I Chang</td>
<td>$70</td>
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SPIE Event Policies

Acceptance of Policies and Registration Conditions

The following Policies and Conditions apply to all SPIE Events. As a condition of registration, you will be required to acknowledge and accept the SPIE Registration Policies and Conditions contained herein.

Granting Attendee Registration and Admission

SPIE, or their officially designated event management, in their sole discretion, reserves the right to accept or decline an individual’s registration for an event. Further, SPIE, or event management, reserves the right to prohibit entry or remove any individual whether registered or not, be they attendees, exhibitors, representatives, or vendors, who in their sole opinion are not, or whose conduct is not, in keeping with the character and purpose of the event. Without limiting the foregoing, SPIE and event management reserve the right to remove or refuse entry to any attendee, exhibitor, representative, or vendor who has registered or gained access under false pretenses, provided false information, or for any other reason whatsoever that they deem is cause under the circumstances.

Misconduct Policy

SPIE is a professional, not-for-profit society committed to providing valuable conference and exhibition experiences. SPIE is dedicated to equal opportunity and treatment for all its members and meeting attendees. Attendees are expected to be respectful to other attendees, SPIE staff, and contractors. Harassment and other misconduct will not be tolerated; violators will be asked to leave the event.

Identification

To verify registered participants and provide a measure of security, SPIE will ask attendees to present a government-issued Photo ID at registration to collect registration materials.

Individuals are not allowed to pick up badges for attendees other than themselves. Further, attendees may not have some other person participate in their place at any conference-related activity. Such other individuals will be required to register on their own behalf to participate.

Capture and Use of a Person’s Image

By registering for an SPIE event, I grant full permission to SPIE to capture, store, use, and/or reproduce my image or likeness by any audio and/or visual recording technique (including electronic/digital photographs or videos), and create derivative works of these images and recordings in any SPIE media now known or later developed, for any legitimate SPIE marketing or promotional purpose.

By registering for an SPIE event, I waive any right to inspect or approve the use of the images or recordings or of any written copy. I also waive any right to royalties or other compensation arising from or related to the use of the images, recordings, or materials. By registering, I release, defend, indemnify and hold harmless SPIE from and against any claims, damages or liability arising from or related to the use of the images, recordings or materials, including but not limited to claims of defamation, invasion of privacy, or rights of publicity or copyright infringement, or any misuse, distortion, blurring, alteration, optical illusion or use in composite form that may occur or be produced in taking, processing, reduction or production of the finished product, its publication or distribution.

Payment Method

Registrants for paid elements of the event, who do not provide a method of payment, will not be able to complete their registration. Individuals with incomplete registrations will not be able to attend the conference until payment has been made. SPIE accepts VISA, MasterCard, American Express, Discover, Diner’s Club, checks and wire transfers. Onsite registrations can also pay with Cash.

Authors/Coauthors

By submitting an abstract, you agree to the following conditions:

• An author or coauthor (including keynote, invited, and solicited speakers) will register at the author registration rate, attend the meeting, and make the presentation as scheduled.

• A full-length manuscript (minimum 6 pages) for any accepted oral or poster presentation will be submitted for publication in the SPIE Digital Library, printed conference Proceedings, and CD. (Some SPIE events have other requirements that the author is made aware of at the time of submission.)

• Only papers presented at the conference and received according to publication guidelines and timelines will be published in the conference Proceedings and SPIE Digital Library (or via the requirements of that event).

Audio, Video, Digital Recording Policy

Conferences, courses, and poster sessions: For copyright reasons, recordings of any kind are prohibited without prior written consent of the presenter or instructor. Attendees may not capture or use the materials presented in any meeting/course room or in course notes on display without written permission. Consent forms are available at Speaker Check-In. Individuals not complying with this policy will be asked to leave a given session and/or asked to surrender their recording media.

EXHIBITION HALL: For security and courtesy reasons, recordings of any kind are prohibited unless one has explicit permission from on-site company representatives. Individuals not complying with this policy will be asked to surrender their recording media and to leave the exhibition hall.

Your registration signifies your agreement to be photographed or videotaped by SPIE in the course of normal business. Such photos and video may be used in SPIE marketing materials or other SPIE promotional items.
**Laser Pointer Safety Information/Policy**

SPIE supplies tested and safety-approved laser pointers for all conference meeting rooms. For safety reasons, SPIE requests that presenters use provided laser pointers.

Use of a personal laser pointer represents user's acceptance of liability for use of a non-SPIE-supplied laser pointer. If you choose to use your own laser pointer, it must be tested to ensure <5 mW power output. Laser pointers in Class II and IIIa (<5mW) are eye safe if power output is correct, but output must be verified because manufacturer labeling may not match actual output. Come to Speaker Check-In and test your laser pointer on our power meter. You are required to sign a waiver releasing SPIE of any liability for use of potentially non-safe, personal laser pointers. Misuse of any laser pointer can lead to eye damage.

**Access to Technical and Networking Events**

Persons under the age of 18 including babies, carried or in strollers, and toddlers are not allowed in technical or networking events. Anyone 18 or older must register as an attendee. All technical and networking events require a valid conference badge for admission.

**Underage Persons on Exhibition Floor Policy**

For safety and insurance reasons:

- No persons under the age of 18 will be allowed in the exhibition area during move-in and move-out.
- Children 14 and older, accompanied by an adult, will be allowed in the exhibition area during open exhibition hours only.
- All children younger than 14, including babies in strollers and toddlers, are not allowed in the exhibition area at any time.

**Unauthorized Solicitation Policy**

Unauthorized solicitation in the Exhibition Hall is prohibited. Any non-exhibiting manufacturer or supplier observed to be distributing information or soliciting business in the aisles, or in another company's booth, will be asked to leave immediately.

**Unsecured Items Policy**

Personal belongings should not be left unattended in meeting rooms or public areas. Unattended items are subject to removal by security. SPIE is not responsible for items left unattended.

**Wireless Internet Service Policy**

At SPIE events where wireless is included with your registration, SPIE provides wireless access for attendees during the conference and exhibition but cannot guarantee full coverage in all locations, all of the time. Please be respectful of your time and usage so that all attendees are able to access the internet.

Excessive usage (e.g., streaming video, gaming, multiple devices) reduces bandwidth and increases cost for all attendees. No routers may be attached to the network. Properly secure your computer before accessing the public wireless network. Failure to do so may allow unauthorized access to your laptop as well as potentially introduce viruses to your computer and/or presentation. SPIE is not responsible for computer viruses or other computer damage.

**Mobile Phones and Related Devices Policy**

Mobile phones, tablets, laptops, pagers, and any similar electronic devices should be silenced during conference sessions. Please exit the conference room before answering or beginning a phone conversation.

**Smoking**

For the health and consideration of all attendees, smoking, including e-cigarettes, is not permitted at any event elements, such as but not limited to: plenaries, conferences, workshops, courses, poster sessions, hosted meal functions, receptions, and in the exhibit hall. Most facilities also prohibit smoking and e-cigarettes in all or specific areas. Attendees should obey any signs preventing or authorizing smoking in specified locations.

**Hold Harmless**

Attendee agrees to release and hold harmless SPIE from any and all claims, demands, and causes of action arising out of or relating to your participation in the event you are registering to participate in and use of any associated facilities or hotels.

**Event Cancellation**

If for some unforeseen reason SPIE should have to cancel the event, registration fees processed will be refunded to registrants. Registrants will be responsible for cancellation of travel arrangements or housing reservations and the applicable fees.

**Confidential Reporting of Unethical or Inappropriate Behavior**

SPIE is an organization with strong values of responsibility and integrity. Our Ethics Statement and Code of Professional Conduct contain general guidelines for conducting business with the highest standards of ethics. SPIE has established a confidential reporting system for staff & other stakeholders to raise concerns about possible unethical or inappropriate behavior within our community. Complaints may be filed by phone or through the website, and, if preferred, may be made anonymously. The web address is www.SPIE.ethicspoint.com and the toll free hotline number is 1-888-818-6898.