

2014 EXHIBITOR PROSPECTUS

IEEE Nuclear and Plasma Sciences Society

**INDUSTRIAL EXHIBITION**

Nov. 10-13, 2014

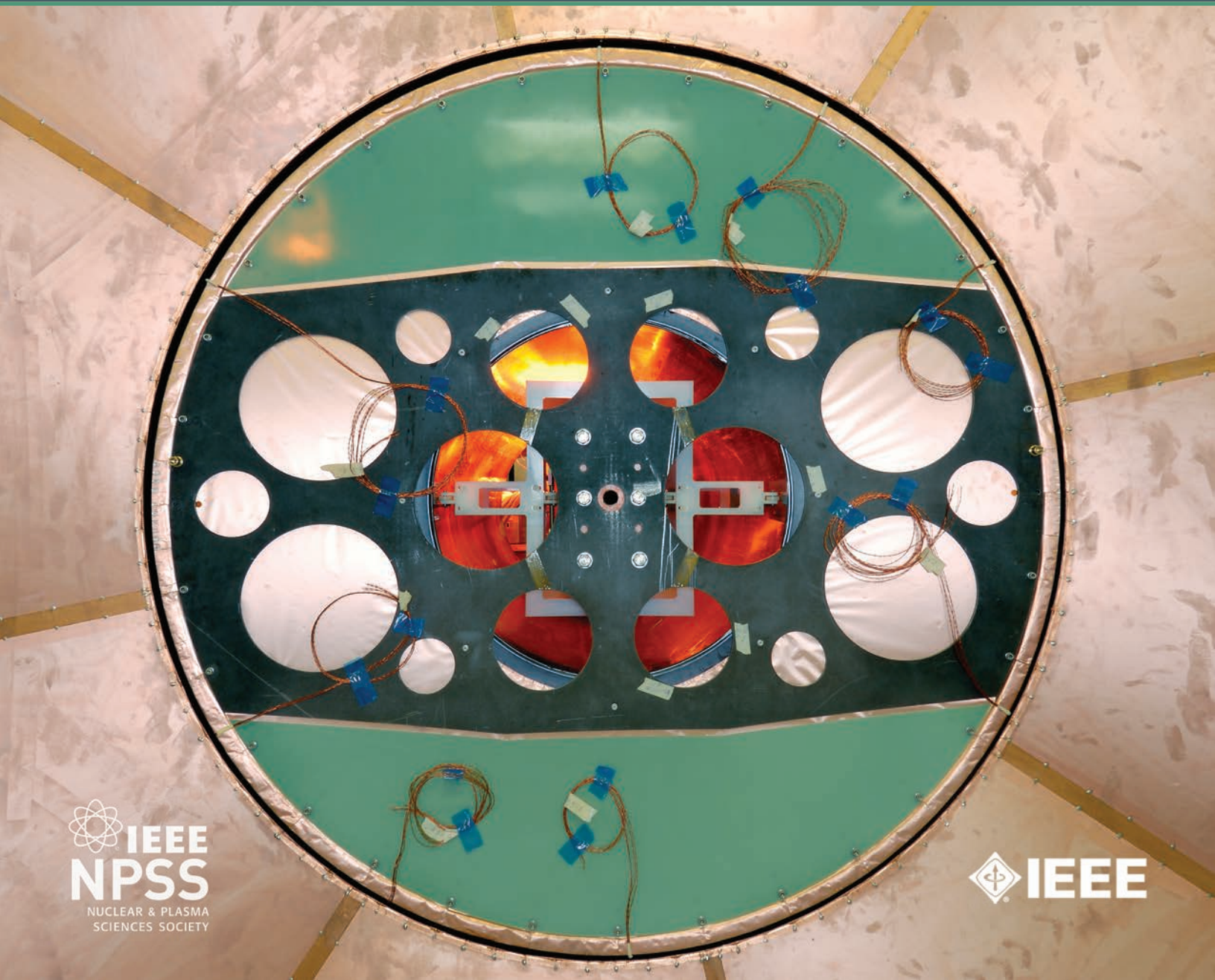
Washington State  
Convention Center

Seattle, Washington, USA

**CONFERENCE WEB SITE:**

<http://www.nss-mic.org/2014>

# Nuclear Science Symposium & Medical Imaging Conference



## LIST OF PREVIOUS EXHIBITORS

Academy of Molecular Imaging	ISEG-USA LLC
Acrorad Co., Ltd.	ISE-Ingegneria dei Sistemi Elettronici
Adit Electron Tubes	Isotope Products Laboratories
Advanced Fusion Technology, Co.,Ltd	Itech Instruments
AdvanSID S.R.L	KETEK GMBH
Agilent Technologies	Kromek
Aguila Technologies	K-TEK International,
Alaron Nuclear Service	labZY, LLC
Aldrich-APL, LLC	LND, Inc.
Alibava Systems, S.L.	Luxen Technologies, Inc.
Alpha Magnetics	Mediso Medical Imaging Systems
Alpha Spectra	Metorex OY
AMPTEK	Micron Semiconductor
AMSC Co	Moxtek, Inc.
Amsterdam Scientific Instruments	NanoFocusRay
AMT Solution Co., Ltd.	Nara Institute of Science and Technology
Australian Nuclear Science & Technology Organization	Naval Research Laboratory
Baltic Scientific Instruments	North American Scientific
Battelle	NOTICE
Berkeley Nucleonics	NuCare Medical Systems, Inc.
Berthold Technologies	Orbotech Medical Solutions (OMS)
Burle Industries	ORTEC
C&A Corporation	Philips Digital Photon Counting
CAEN Technologies	Photonic Materials Ltd.
Canberra	Photonis
CERN (European Organization for Nuclear Research)	Precision Data Systems
Chemmetall GmbH	Quik-Pak
Clear-Pulse	Radiant Detector Technologies
CMCAMAC	Radiation Sensors, LLC
Constellation Technology	Rayence Co., Ltd
Converging Research Headquarters for Frontier Medical Instruments, Sogang University	RCA Regional Office
CPS Innovations	Rockwood Lithium
Creative Electron	Saes Opto
Crytur Ltd	Saint-Gobain Crystals & Detectors
DQE Instruments	Samsung Electronics Co.Ltd
DRGEM Corporation	Sangki(Hamamatsu)
E T Enterprises Ltd	Satrec Initiative
Electron Tubes	Science & Technology Facilities Council
Eljen Technology	ScintiTech/Amcrs
Eurorad	Scionix Holland BV
eV Products	SensL Technologies Ltd.
FAST ComTec GmbH/Quantar	SFT
Fibercryst	Shanghai SICCAS High Technology Corp.
FLIR	Siemens Medical Solutions USA
FLIR Systems	SII NanoTechnology
Furukawa Co., Ltd.	SINTEF
Gamma Medica - IDEAS	SINTEF ICT
GE Energy	Sparrow Corp.
GE Global Research	Struck Innovative Systeme GmbH
GE Power Systems	Taiwan OSTOR Corp.
Glenfield Partners Ltd	TDK Corporation
Hamamatsu	TechnoAP Co.Ltd
Hellma Materials GmbH	Teledyne Microelectronics
Hilger Crystals	Tungsten Heavy Powder
Hitachi Chemical Co.	Universal Voltronics
IAEA/Brookhaven National Laboratory	Vertilon Corporation
INFN-Napoli	Vieworks Co., Ltd
Integrated Detector Electronics AS	W-IE-NE-R Plein & Baus GmbH
Integrated Detector Systems	XIA LLC
Ionwerks Inc	X-Ray Imaging Europe GmbH
IOP Publishing	X-Ray Imatek S.L.
iseg Spezialelektronik GmbH	Zecotek Medical Systems



# IEEE

**IEEE**  
**NPSS**  
NUCLEAR & PLASMA  
SCIENCES SOCIETY

Photo: Cern

## DATES

**CONFERENCE:** Sunday to Saturday, November 9 – 15, 2014

**EXHIBITION:** Monday through Thursday, November 10–13, 2014

## TENTATIVE 2014 EXHIBITION SCHEDULE

### MONDAY, NOVEMBER 10

Decorator Set up – 8 AM to 12 Noon  
Exhibitor Set up – 12 Noon to 6 PM

### TUESDAY, NOVEMBER 11

Exhibitor Set up – 7 AM to 11 AM  
Decorator clean up – 11 AM to 12 Noon  
Refreshment break – Mid afternoon  
Exhibition Open for attendees – Noon to 9 PM, with  
Exhibitor Reception starting at 7 PM

### WEDNESDAY, NOVEMBER 12

Exhibition Open for attendees – 9 AM to 6 PM  
Refreshment breaks – Mid morning and Mid afternoon

### THURSDAY, NOVEMBER 13

Exhibition Open for attendees – 9 AM to 4 PM  
Refreshment breaks – Mid morning and Mid afternoon  
Exhibition dismantling and removal - 4 PM - 11 PM

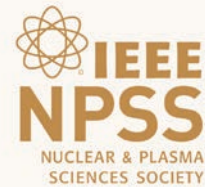
### FRIDAY, NOVEMBER 14

Exhibition removal – 7 AM to 11 AM –  
Clean by Noon

## WHO SHOULD EXHIBIT AT NSS-MIC?

NSS-MIC is one of the world's leading multidisciplinary conferences focused on advancements in the fields of nuclear science, radiation detection, software engineering, data acquisition and medical imaging applications. NSS-MIC attendees are interested in products in the following areas:

- ▶ Accelerators and Beam Line Instrumentation
- ▶ Analog and Digital Circuits
- ▶ New Detector Materials
- ▶ Technologies for Medical Imaging
- ▶ Astrophysics and Space Instrumentation
- ▶ Computing and Software for Experiments
- ▶ Data Acquisition and Analysis Systems
- ▶ Detector Systems for Homeland Security
- ▶ Emission Tomography Instrumentation (PET, SPECT)
- ▶ Environmental Health and Safety Instrumentation
- ▶ Gaseous Detectors
- ▶ High Energy Physics Detectors
- ▶ High Resolution Imaging Systems
- ▶ Homeland Security Instrumentation
- ▶ Instrumentation for Medical and Biological Research
- ▶ Intra-operative Probes and Portable Imaging Systems
- ▶ Modeling of Medical Imaging Systems
- ▶ Multi-modality Systems
- ▶ Radiation Detectors
- ▶ Solid State Detectors
- ▶ Nuclear Magnetic Resonance
- ▶ Nuclear Measurements and Monitoring Equipment
- ▶ Nuclear Physics Instrumentation
- ▶ Optical Imaging Technology and Processing, Ultrasound, Synchrotron Radiation, Impedance/Biomagnetic/Bioelectric Imaging
- ▶ Photodetectors and Radiation Imaging
- ▶ Power Supplies
- ▶ Image Processing
- ▶ Radiation Damage Effects
- ▶ Scintillation Detectors
- ▶ Solid State Tracking Detectors
- ▶ Synchrotron Radiation Instrumentation
- ▶ Trigger and Front-End Systems
- ▶ X-ray Computed Tomography



Dear Industrial Partner:

The 2014 Nuclear Science Symposium, Medical Imaging Conference and 21st Symposium on Room Temperature Semiconductor Detectors will be at the Washington State Convention Center, Seattle, Washington. The meeting will be held from 8 to 15 November 2014. This is an excellent time to visit Seattle, where the weather is always pleasant. It will also be an excellent time for exciting science in the field of radiation instrumentation and medical imaging, by gathering the world class scientists, engineers and industrials active in the field. You should make plans to come and showcase your latest products and services right away!

Attendees coming to the meeting attend special focus workshops and short courses, and present their research on radiation instrumentation, signal processing, new detectors, medical imaging systems, high energy physics, photon science, space application and homeland security. Even with the budget constraints scientists had to endure in the past few years due to worldwide economic turmoil, the attendance at the IEEE NSS-MIC has been steadily increasing, to reach over 2000 attendees at the 2012 meeting in Anaheim, California. In 2013 (Seoul, Korea), there were 74 booths available to industrial partners, which were completely sold out by July 2013. All this is very promising for the 2014 meeting in Seattle, where 68 booths will be available.

You should not miss the opportunity to showcase your new products and get more visibility by the scientific community by participating in the Exhibitor Technical Sessions. Only 16 time slots will be available and we invite you to inform us of your intent to participate as soon as possible.

The Washington State Convention Center, offers an excellent venue for the meeting, including the industrial exhibits. The exhibit area will be centrally located in the conference center, next to the poster sessions. All coffee breaks will be in the exhibit area. This is the ideal setup to maximize interactions between the attendees and the exhibitors. To allow the NSS, MIC, and RTSD communities ample time to visit the exhibit area, the exhibit will be open from Tuesday lunch to Thursday at the end of the afternoon coffee break, with time on Monday and Tuesday morning to setup and Thursday evening and Friday morning for removal of the booths. The exhibitors' reception, another great opportunity for you to network with the attendees, will be held on Tuesday night, as it has been for several years. The detail schedule is included on the following pages.

Again this year specific double booths will be available. These double booths will be held for companies to reserve until the end of May. If not reserved, they will be available as single booths. The booth layout shows the double booth positions in color. Any other multiple booth combination can also be reserved.

Your active participation in the 2014 NSS-MIC is crucial for the success of the meeting. On behalf of the Organizing Committee and its Chairman, Anthony Lavietes, I invite you to take part in this unique opportunity to present your products and to network with the NSS, MIC, and RTSD communities.

Thank you for your continued support by attending the meeting.

We look forward to seeing you in Seattle.

Ronald Keyser  
Exhibits Chairman, 2014 IEEE NSS, MIC, and RTSD  
Software & Information Services, Oak Ridge, Tennessee  
RonKeyser@IEEE.org

## RENTAL RATES

Each single booth space is \$3,250.00 and is 10' deep x 10' wide. Space includes 8' high curtain back wall, 3' high curtain side dividers and 44" x 7" identification sign. No furnishings or utilities are included and should be ordered on the service forms that will be sent in the Exhibitor Manual in July 2014.

## EXHIBITION DIRECTORY

The exhibit fee includes Exhibitor listing (including company name, address details and a brief description of services and products presented) in the exhibitors directory, which will be distributed to all conference delegates.

## EXHIBITION DIRECTORY ADVERTISING

Exhibitors can enhance their participation in the Exhibition by placing paid advertisements in the Exhibition Directory. For complete rates and mechanical specifications, please contact: Robert Finnegan, Tel: 516-576-2433 or email: rfinneg@aip.org.

## ADDITIONAL EXHIBITOR BENEFITS:

- Conference breaks, and receptions in the Exhibit area
- One full conference admittance to the NSS-MIC Technical Program and two staff registrations per booth space rented
- Inclusion in the printed NSS-MIC Show Directory and on the NSS-MIC web site
- Electronic copy of the attendee list is provided to each Exhibitor after the NSS-MIC Conference
- NSS-MIC Conference discounted rate on Hotel rooms

## RESERVATIONS

Applications will be processed on a first-come, first-served basis. Exhibitors should complete the enclosed application and return with payment to: Robert G. Finnegan, NSS-MIC Exhibits Manager, AIP Publishing LLC, 2 Huntington Quadrangle, Suite 1N01, Melville NY 11747.

## EXHIBITION COORDINATOR

For further information on the exhibition and to book your space, please contact the Exhibition Manager: Robert G. Finnegan, NSS-MIC Exhibition Manager • AIP Publishing LLC  
2 Huntington Quadrangle, Suite 1N01 • Melville, NY 11747  
Tel: 516-576-2433 • Fax: 516-576-2327  
Email: rfinneg@aip.org

Exhibits Committee Chair:  
Ronald M Keyser  
Chief Scientist  
Software & Information Services, Inc  
+1 865 607 2608  
ronkeyser@ieee.org

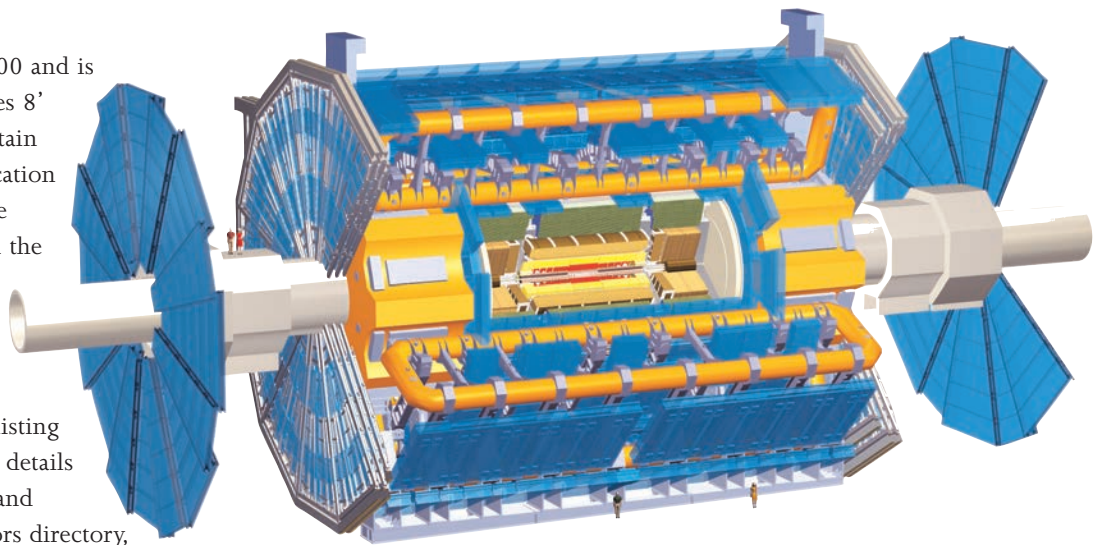


Photo: Cern

## CONFERENCE DELEGATE REGISTRATION

Each registered company will receive one complimentary full conference registration per booth, including access to the scientific program and conference proceedings. An exhibitor badge form will be sent to all registered exhibitors in July 2014.

## EXHIBITION STAFF REGISTRATIONS

In addition to the Full Conference Registration, two exhibition staff registrations are included in the rental fee of each booth space rented. Additional Staff registrations are \$100. An exhibitor badge form will be sent to all registered exhibitors in July 2014.

## TERMS AND CONDITIONS OF EXHIBITING

Exhibitors are asked to pay particular attention to the General Exhibition Regulations contained in this prospectus. Signature of the Exhibition Application Form implies acceptance of these conditions.



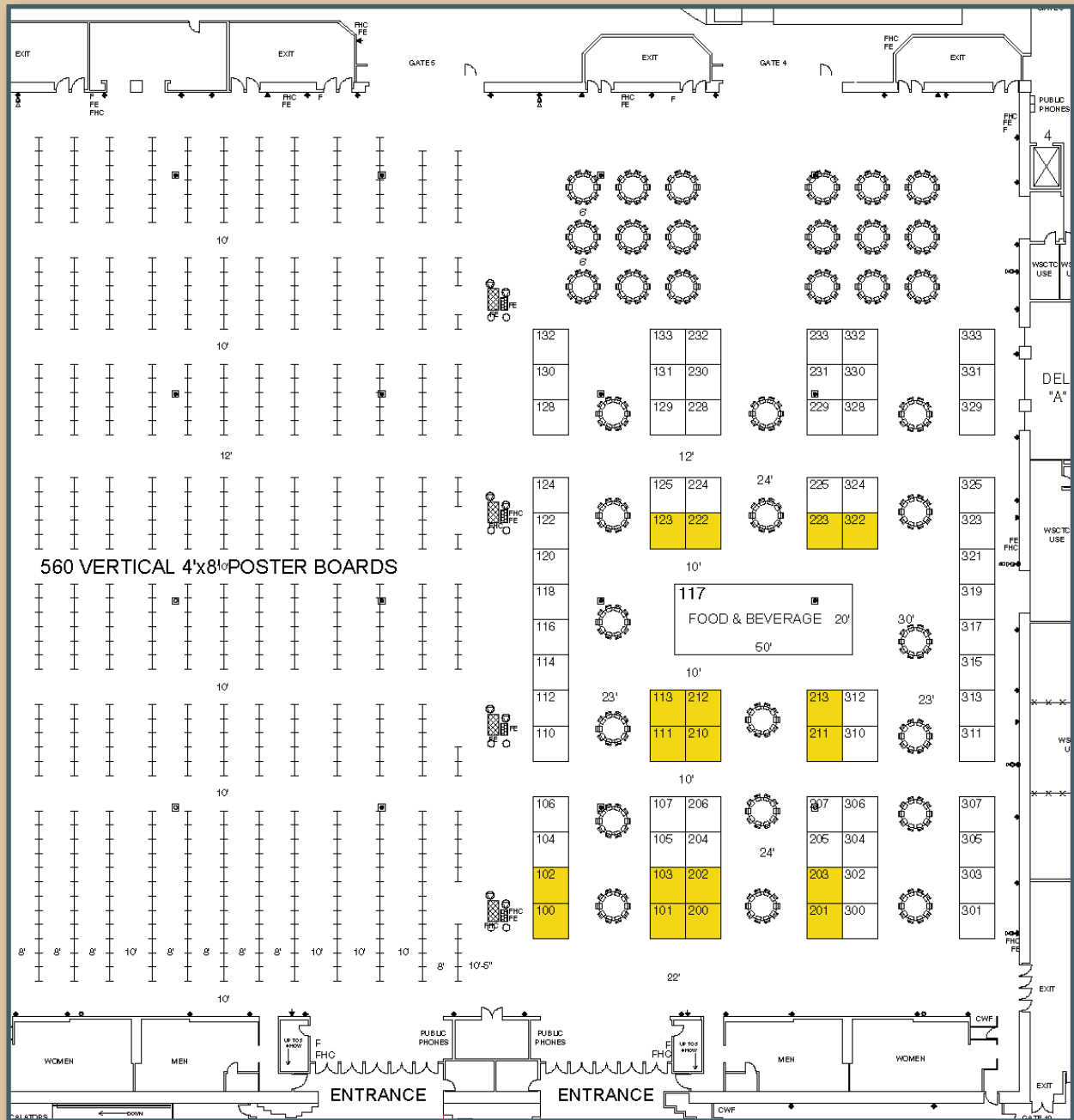
## CONFERENCE WEB SITE

<http://www.nss-mic.org/2014>

## FLOOR PLAN

The floor plan in this brochure is correct at the time of printing. However, the organizers retain the right to make alterations should it be deemed necessary.

# WASHINGTON STATE CONVENTION CENTER



560 VERTICAL 4x8 POSTER BOARDS

117  
FOOD & BEVERAGE 20'  
50'

Photo: Cern



# BASIC TERMS AND GENERAL EXHIBITION REGULATIONS

## 1. Contract

This application, properly executed by Applicant (Exhibitor) shall, upon written acceptance and notification of booths assigned by 2014 IEEE NSS-MIC, constitute a valid and binding contract.

## 2. Assignment of Space

Assignment of space to exhibitors and those making application will be made in the order of postmark, fax or email date.

2014 IEEE NSS-MIC will continue to receive applications and assign exhibit space, as it remains available, until shortly before the show opening date. In all cases, total booth payment must be received prior to show opening. 2014 IEEE NSS-MIC assignment of booths is final and shall constitute an acceptance of the Exhibitor's offer to occupy space. After assignment, space location may not be changed, transferred or canceled by the Exhibitor except upon written request and with the subsequent written approval by 2014 IEEE NSS-MIC management. 2014 IEEE NSS-MIC management reserves the right to reassign Exhibitor space or to modify floor plan for overall benefit of the show.

## 3. Subletting Space

No exhibitor will assign, sublet, or apportion the whole or any part of the space allotted to him, nor exhibit therein, nor permit any other person or party to exhibit therein, any other goods, apparatus, etc. not manufactured or distributed by the Exhibitor in the regular course of his business except upon prior written consent of the NSS-MIC Exhibition Manager.

## 4. Exhibit Space Rental Rates

Exhibit space rental includes materials and services described herein. Show Price per 10x10 booth: \$3,250.00 US Currency. Includes: Exhibit space; 8-foot high back drapes; 3-foot high side rails; 7-inch by 44-inch identification sign, Show Directory listing and List of attendees after the conclusion of the Conference. Show aisles will be carpeted and cleaned. With the rental of each booth space there will be allocated two (2) "exhibits only" passes and one full complimentary conference registration.

## 5. Payment Requirements and Cancellation Charges

Applications require a 50% deposit before final booth assignment is confirmed in writing. All applicants who contract after January 1, 2014 must be paid in full by August 1, 2014. All applications received after August 1, 2014 must be accompanied by full payment.

**All cancellations must be made in writing and will be based on the following schedule of refunds:**

Space reductions are considered cancellations and may be subject to cancellation fees.

On or before June 1, 2014, 50% of total booth cost, less a \$100 service fee, will be refunded.

After June 1, 2014, No Refund will be permitted. No-show exhibitors will receive no refund.

It is understood that 2014 IEEE NSS-MIC reserves the right, at its option, to reassign a cancelled booth regardless of the cancellation rate assessed.

In the event that the premise in which the 2014 IEEE NSS-MIC Show is conducted shall become, in the sole discretion of 2014 IEEE NSS-MIC, unfit for occupancy, or substantially interfered with by reason of any cause or causes not reasonably within the control 2014 IEEE NSS-MIC, this agreement may be terminated by 2014 IEEE NSS-MIC. For this purpose, the term "cause or causes" shall include, but not by way of limitation, fire, flood, epidemic, earthquake, explosion or accident, blockage, embargo, inclement weather, governmental restraints, restraints or orders of civil defense, or military authorities, act of public enemy, riot or civil disturbance, strike, lockout,

boycott or other labor disturbance, inability to secure sufficient labor, technical, or other personnel, failure, impairment or lack of adequate transportation facilities, inability to obtain, or condemnation, requisition or commandeering of necessary supplies or equipment, local, state or federal law, ordinance, rule, order, decree or regulation, whether legislative, executive, or judicial, and whether constitutional, or act of God. Should 2014 IEEE NSS-MIC terminate this agreement pursuant to the provision of this paragraph the Exhibitor waives any and all claims for damages and agrees that 2014 IEEE NSS-MIC may, after computing the total amount of 2014 IEEE NSS-MIC cost and expenses in connection with its preparation for and conducting of the 2014 IEEE NSS-MIC Show, (including a reasonable reserve for claims and other contingencies) refund to each exhibitor the amount he paid for the space, less a proportionate share of all the expenses incurred by 2014 IEEE NSS-MIC.

## 6. Exhibit Booth Staffing and Dismantling Schedule

A representative must staff exhibit space during all times when Exhibition is officially open. Exhibit space must be maintained in a neat and orderly manner throughout the Exhibition. Exhibitors may begin dismantling **only** after 4 PM on Thursday, November 13, 2014. Move-out **must** be completed by noon on Friday, November 14, 2014. Exhibitors are responsible for removal of all materials used in their display. Any exhibitor leaving materials after noon on Friday, November 14, 2014 will be charged for the materials' removal. **Failure to observe this rule, including early dismantling, will result in a \$500 (U.S. Currency) fine and may jeopardize the exhibitor's space assignments or right to exhibit at future conferences sponsored by IEEE NSS-MIC Industrial Exhibitions.**

## 7. Loss or Damage

Exhibitor agrees that 2014 IEEE NSS-MIC shall not be liable for any damage or liability of any kind or for any loss, damage or injury to persons or property during the term of this agreement, from any cause whatsoever by reason of use, occupation and enjoyment of exhibit space by Exhibitor or any person thereon with the consent of Exhibitor, and that Exhibitor will defend, indemnify and save harmless, 2014 IEEE NSS-MIC from all liability whatsoever, on account of any such damage, or injury, whether or not caused by negligence or breach of an obligation by Exhibitor or its employees or representatives.

Exhibitor will be liable for all damages or liability of any kind or for any loss, damage or injury to persons or any property during the show from any cause whatsoever by reason of use, occupation and enjoyment of exhibit space.

## 8. Demonstrations

No demonstrations or solicitations shall be permitted outside of the Exhibitor's assigned space, and no signs or placards may be displayed on persons or otherwise outside exhibit spaces.

## 9. Compliance

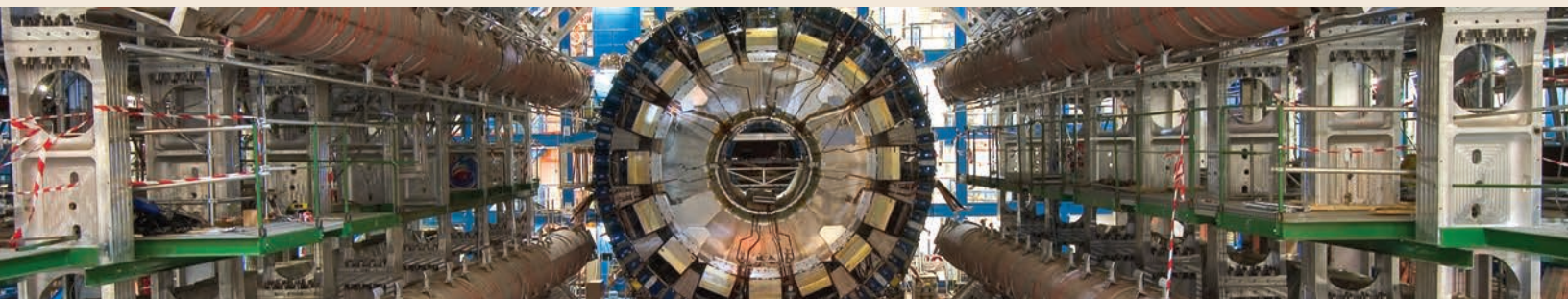
The Exhibitor assumes all responsibility for compliance with all pertinent ordinances, regulations and codes of duly authorized local, State and federal governing bodies concerning fire, safety and health, together with the rules and regulations of the operators and/or owners of the property wherein the Show is held.

## 10. Unions

It is further agreed that the Exhibitor will abide by and comply with rules and regulations concerning local unions having agreements with the Show Facility or with authorized contractors employed by 2014 IEEE NSS-MIC.

## 11. Management

The Exhibitor further agrees that the conditions, rules and regulations of the 2014 IEEE NSS-MIC management are made a part of this contract and that said Exhibitor agrees to be bound by each and all of these rules and regulations, and that the management shall have the full power to interpret, amend and enforce all rules and regulations in the best interest of the Show.



# EXHIBITOR RESERVATION FORM

**EXHIBIT DATES: Nov. 11-13, 2014**  
**Washington State Convention Center**  
**Seattle, Washington**

### Company Information (please print or type):

Company Name \_\_\_\_\_  
Street Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Postal Code (country if not in U.S.) \_\_\_\_\_  
Phone \_\_\_\_\_ Fax \_\_\_\_\_  
Email \_\_\_\_\_ Web Address \_\_\_\_\_  
Exhibit Contact \_\_\_\_\_ Exhibit Contact email \_\_\_\_\_

### Exhibit Space:

Each single booth space is 10' deep x 10' wide. Space includes 8' high curtain back wall, 3' high curtain side dividers and 44" x 7" identification sign. No furnishings or utilities are included and should be ordered on the service forms that will be sent in the Exhibitor Manual in July 2014.

Charges: Single Booth Space - \$3,250

Location Preference: Our preferences are (please refer to numbers on floor plan)

- |          |          |
|----------|----------|
| 1. _____ | 4. _____ |
| 2. _____ | 5. _____ |
| 3. _____ | 6. _____ |

Please do not allocate us space next to the following possible exhibitors:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Payment Schedule:

Please enclose 50% deposit payment with your application. Balance is due August 1, 2014. No space will be allocated without receipt of deposit. Make check payable to: AIP Publishing

Credit Card Payment: Card Type  Amex  MasterCard  Visa

Card#: \_\_\_\_\_ Exp. Date \_\_\_\_\_  
Name: \_\_\_\_\_  
Signature: \_\_\_\_\_

Agreement: The undersigned acknowledges receipt of the "Basic Terms and General Exhibition Regulations" contained herein, and further agrees to abide by these Basic Terms and General Exhibition Regulations

Applicant's Signature \_\_\_\_\_ Date \_\_\_\_\_

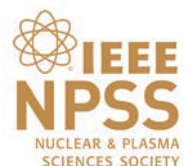
### Mailing Instructions and Further Information

Mail application and payment to:

Robert G. Finnegan, NSS-MIC Exhibits Manager, AIP Publishing  
2 Huntington Quadrangle, Suite 1N01 Melville, NY 11747

Tel: 516-576-2433 • Fax: 516-576-2327

Email: RFinnegan@aip.org



# Seattle 2014 IEEE NSS/MIC



WASHINGTON STATE  
CONVENTION CENTER  
SEATTLE, WA USA  
8-15 NOVEMBER 2014



IEEE NUCLEAR SCIENCE SYMPOSIUM  
& MEDICAL IMAGING CONFERENCE  
21<sup>ST</sup> SYMPOSIUM ON ROOM-TEMPERATURE  
SEMICONDUCTOR X-RAY AND GAMMA-RAY DETECTORS



Analog and Digital Circuits • Astrophysics and Space Instrumentation • Crystal Growth, Materials and Defects Characterization • Data Acquisition and Analysis Systems • Detector/SIC Hybridization, Interconnects, and Electronics • High Energy Physics Instrumentation • Instrumentation for Homeland Security • Methodologies of X-Ray, Optical, and MR Imaging • Neutron Detectors • Nuclear Inspections, Safeguards and Portal Monitoring • Particle Beam Therapy • Physics, Engineering and Mathematical Aspects of Nuclear Medical Imaging • Scintillators and Photodetectors • Signal and Image Processing • Simulation and Modeling • Small and Large Medical Imaging Devices • Solid-State Detectors • Trigger and Front-end Systems

General Chair, Anthony Lavezies • NSS Chair & Deputy, Ingrid-Maria Gregor & Adam Bernstein • MIC Chair & Deputy, Georges El Fakhri & Katia Parodi • RTSD Co-Chairs, Ralph James & Michael Federle

ABSTRACT SUBMISSION DEADLINE

11 MAY 2014

[nssmic2014@ieee.org](mailto:nssmic2014@ieee.org)  
<http://www.nss-mic.org/2014>