# 2018 EXHIBITOR PROSPECTUS

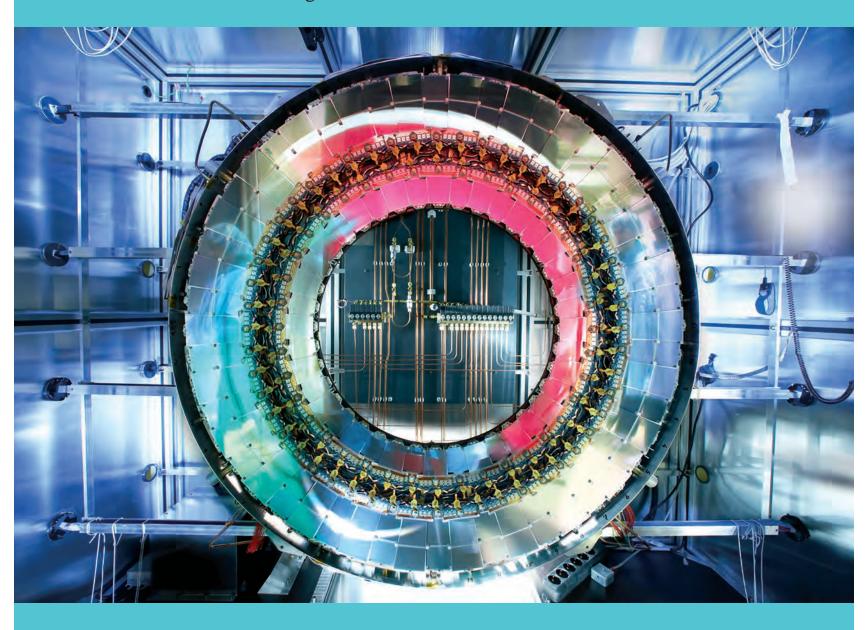
# IEEE Nuclear and Plasma Sciences Society

# **INDUSTRIAL EXHIBITION**

The Gallery International Convention Centre Sydney, Sydney, NSW, Australia

CONFERENCE WEB SITE: www.nss-mic.org/2018

Nuclear Science Symposium & Medical Imaging Conference



#### **LIST OF PREVIOUS EXHIBITORS**

Acrorad Co., Ltd. **Adit Electron Tubes** 

**ADVACAM** 

Advanced Fusion Technology Co., Ltd.

AdvanSiD S.R.L AFO Research Inc. **Agilent Technologies Aguila Technologies** Aisense d.o.o.

Albemarle Lithium GmbH Aldrich-APL, LLC Alibava Systems, S.L. Alpha Magnetics Alpha Spectra, Inc. AMPTEK Inc.

AMSC Co **Amsterdam Scientific Instruments** 

AMT Solution Co., Ltd.

Anseen Inc.

**APL Engineered Materials Baltic Scientific Instruments** 

Battelle

**Beijing High Energy New Technology** 

Co., Ltd. **Berkeley Nucleonics Berthold Technologies** BNNT, LLC

BrightSpec **Burle Industries C&A Corporation CAEN Technologies** Canberra

CERN (European Organization for **Nuclear Research)** 

Chemetall GmbH Clear-Pulse **CMCAMAC** 

Converging Research Headquarters for Frontier Medical Instruments,

Sogang University **CPS Innovations** Crytur Ltd **DQE Instruments DRGEM Corporation** ET Enterprises Ltd **Electron Tubes** Eljen Technology Else Nuclear **Epic Crystal ET Enterprises** 

**Eurorad** Fibercryst **FLIR Systems** Furukawa Co., Ltd.

Gamma Medica - IDEAS **GE Energy** 

**GE Global Research GE Power Systems** Hamamatsu

Hellma Materials GmbH Hilger Crystals Hitachi Chemical Co.

Hitachi High-Technologies Science INFN-Nanoli

**Inrad Optics** 

**Integrated Detector Electronics AS** iseg Spezialelektronik GmbH

ISEG-USA LLC

ISE-Ingegneria dei Sistemi Elettronici **Isotope Products Laboratories** 

Itech Instruments **KETEK GmbH** 

Kinheng Crystal Material (Shanghai) Co., Ltd.

Kromek Group plc K-TFK International

Luxen Technologies, Inc. Mediso Medical Imaging Systems

Merk Performance Materials Metorex OY

Micron Semiconductor MILABS BV

Moxtek, Inc. NanoFocusRay

Nara Institute of Science and Technology

North American Scientific

NOTICE

NuCare Medical Systems, Inc. **Orbotech Medical Solutions (OMS)** 

ORTEC/AMETEK

PETsys Electronics SA **Philips Digital Photon Counting** Photonic Materials Ltd.

Polymer Assembly Technology, Inc.

Powerbridge

**Precision Data Systems** 

Quik-Pak

Radiabeam Systems **Radiant Detector Technologies** Radiation Sensors, LLC Rayence Co., Ltd **Rockwood Lithium** Saes Opto

Saint-Gobain Crystals & Detectors Samsung Electronics Co. Ltd Sangki(Hamamatsu)

Satrec Initiative

Science & Technology Facilities

Council Scintacor ScintiTech Scionix Holland BV SensL Technologies Ltd.

SFT

SGX Sensortech LTD.

Shanghai SICCAS High Technology Sichuan Tianle Photonics Co., Ltd. Siemens Medical Solutions, USA

SINTEF **SINTEF Minalab** Sparrow Corp.

Strasbourg MedTech /Eurometrope consortium

Struck Innovative Systeme, GmbH Suzhan JT

Suzhou JT Crystal Technology Taiwan Ostor Corp. Target Systemelektronik

**TDK Corporation** TechnoAP Co.Ltd Teledyne Microelectronics

**Tokuyama Corporation** 

**Tungsten Heavy Powder** U.S. Naval Research Laboratory **Universal Voltronics** 

**Vertilon Corporation** Vieworks Co., Ltd

Weeroc W-IE-NE-R, Plein & Baus Corp.

XIA LLC

X-Ray Imaging Europe GmbH

X-Ray Imatek S.L. X-Spectrum GmbH

Yasu Medical Imaging Technology **Zecotek Medical Systems 7RF RITEC SIA** 



CONFERENCE: Saturday to Saturday, November 10-17, 2018

**EXHIBITION:** Monday through Thursday, November 12 - 15, 2018

#### TENTATIVE 2018 EXHIBITION SCHEDULE

MONDAY, 12 NOVEMBER: Decorator Set up -

8 AM to 12 noon Exhibitor Set up – 12 noon to 6 PM

TUESDAY, 13 NOVEMBER: 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 7:30 PM, with

Exhibitor Reception starting at 6 PM

WEDNESDAY, 14 NOVEMBER: Exhibition Open for attendees – 9 AM to 6 PM Refreshment breaks – Mid morning and mid afternoon

THURSDAY, 15 NOVEMBER: 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. 16 NOVEMBER:**

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

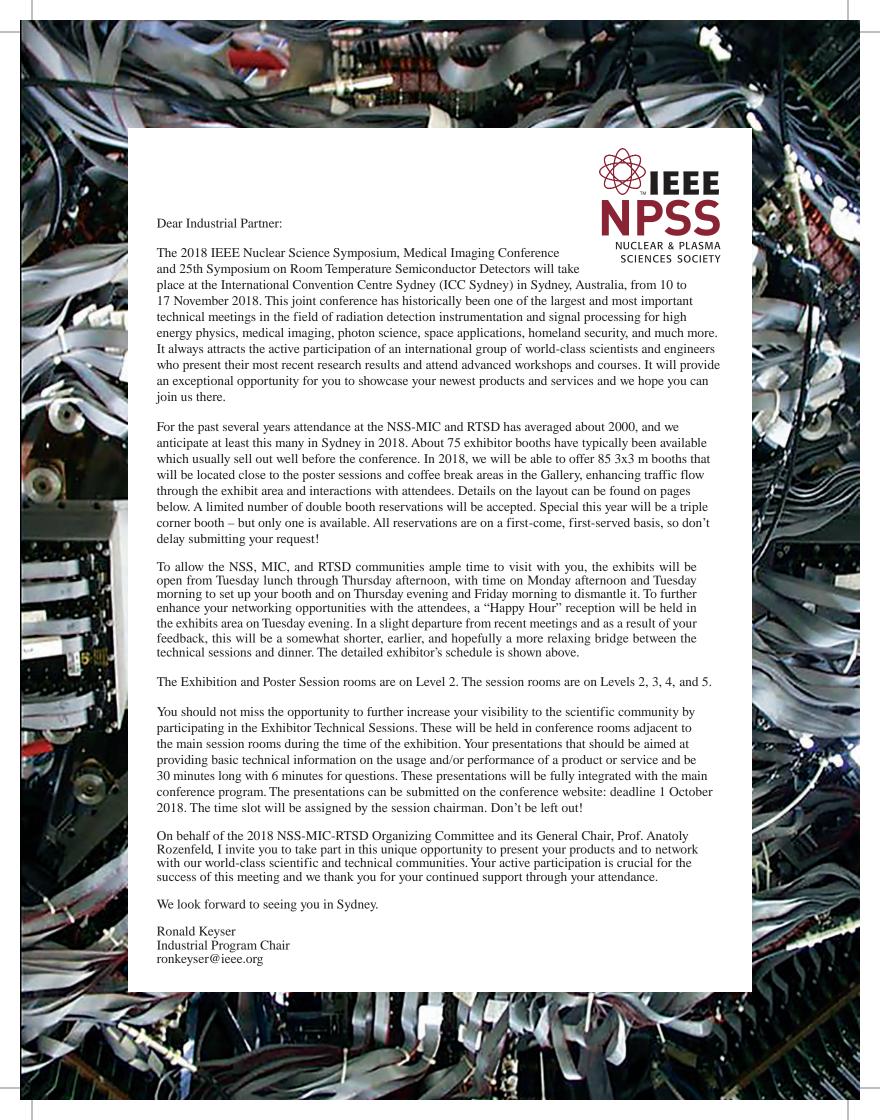
#### WHO SHOULD EXHIBIT AT NSS-MIC?

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
- 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

Credit for all artwork throughout brochure: UNIVERSITY OF WOLLONGONG, NSW, Australia



#### **RENTAL RATES**

Each single booth space is AUD5,800.00 including GST and is 3 m deep x 3 m wide. Space includes 2.5 m high walls (Aluminum frame with white infill panels) on 3 sides and a 3 m wide x 22 cm high identification sign above the front. Side walls may be removed on corner booths. Two energy-efficient track lights per 9 m² stand are included. The room is carpeted. Electric power (1 kw at 220 V 50 Hz) is provided. No furnishings are included. If needed, they should be ordered on the service forms that will be sent in the Exhibitor Manual in July 2018.

Double booths are AUD11,600.00 including GST or twice the single with twice the specifications as the single booth. The special booth (number 99) of three spaces in an "L" shape AUD14,000.00 including GST with three times the specifications as the single booth.

Note the booth rates are in AUD and are inclusive of GST.

#### **EXHIBITION DIRECTORY**

The exhibit fee includes Exhibitor listing (including company name, address details, and a brief description of services and products presented) in the NSS-MIC Meeting App, which will be available electronically about three months before the conference and updated weekly as part of the electronic program book. A printed version will be available at the conference.

#### **EXHIBITION ADVERTISING**

Exhibitors can enhance their participation in the Exhibition by placing paid advertisements in the NSS-MIC Meeting App in addition to the Directory. For complete rates and mechanical specifications, please contact the Industrial Program Chair.

#### 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.

For further information on the exhibition please contact the Industrial Program Chair:

Ronald Keyser, PhD

IEEE

Ronkeyser@ieee.org

+1 865 607 2608

To book your space, go to the registration website shown on: http://www.nss-mic.org/2018

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.

#### **ADDITIONAL EXHIBITOR BENEFITS:**

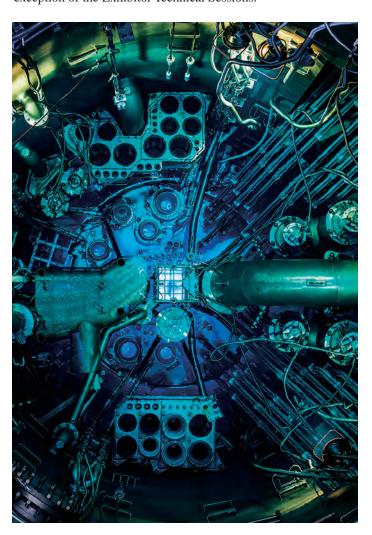
- · Conference breaks and receptions in the Exhibit area
- One full conference admittance to the NSS-MIC Technical Program and two staff registrations per booth space rented
- Inclusion in the NSS-MIC Show Directory and on the NSS-MIC web site
- Electronic copy of the attendee list, who have given permission,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

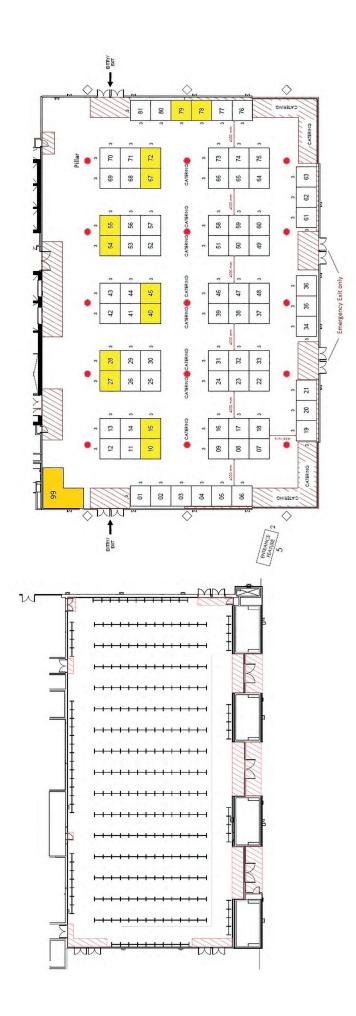
#### **RESERVATIONS**

Applications will be processed beginning on 15 January 2018, on a first-come, first-served basis. Exhibitors should complete the **online application** and payment form at: **http://www.nss-mic.org/2018** 

#### CONFERENCE DELEGATE REGISTRATION

Each registered company will receive one complimentary full conference registration per booth, including access to the scientific program and conference proceedings. In addition to the Full Conference Registration, two exhibition staff registrations are included for each booth space rented. Exhibition staff badge holders are not permitted in the technical sessions. Registration codes will be issued when registration is opened to register at the special rates on the regular conference registration website. Exhibitor badges may be picked up at the conference registration desk. Staff registrations in addition to the two are AUD300. Staff registrants are not permitted in the technical sessions, with the exception of the Exhibitor Technical Sessions.







The access to the sessions on other floors and entry/exit of ICC Sydney is in the corner near booths 76 and 63.

### **TYPES OF BOOTHS:**

Stairs up/down

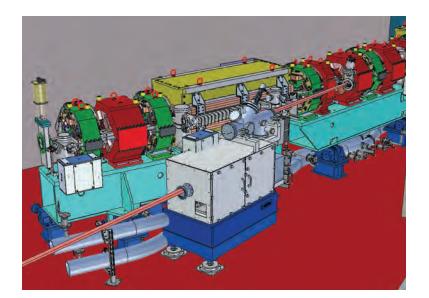
Escalator/Elevator/Lift

**White** – single 3 x 3 booths and may be reserved as one booth or combinations of booths.

**Yellow** – double 3 x 6 booths will be only available as double until 1 May 2018. Reservations will be accepted for the individual booths in the case they are not sold as doubles and you should reserve a single booth in case the double is not available. After 1 May, you will be asked if you want to switch booths or not. On 7 May 2018, any doubles not sold will be available as singles.

Gold – a special booth (99) of three booths at a special low price.

The red striped areas not labeled as "catering" are emergency exits and must be kept clear of all materials



# **BASIC TERMS AND GENERAL EXHIBITION REGULATIONS**

#### 1. Purpose:

The main purpose of the conference is educational and the exhibits together with the technical sessions are vital elements of this process. Management and the Applicant agree that the purpose of the exhibition is educational, and will conduct themselves accordingly. The exhibits shall be arranged so as not to obstruct the general view nor hide the exhibits of others. Plans for specially-built displays not in accordance with regulations should be submitted to Management for consideration and approval before construction is ordered. Sales are not permitted in the Exhibition.

#### 2. Contract

This application, properly executed by the Applicant (the "Applicant") named in this application (the "Application"), shall upon written acceptance by the management team (the "Management") of The Institute of Electrical and Electronics Engineers, Incorporated ("IEEE") constitute a valid and binding agreement between the parties. The Applicant agrees to be bound by the rules and regulations established in this Application. This document details the conditions under which the Applicant agrees to contract with IEEE and will be strictly enforced by IEEE.

#### 3. Licensed Space

Applicant is licensed to use exhibit space which includes the following exhibit equipment as listed below in Section 18.

Management accepts no liability for losses or damages of any kind sustained through the exhibition, except for losses or damages caused by the sole negligence or willful misconduct of Management. The parties to this contract agree that this agreement is a license to use exhibit space and not a lease or sublease of real property.

#### 4. Fire, Safety and Health

The Applicant assumes all responsibility for compliance with local, city and state ordinances and regulations covering fire, safety and health. Applicants must construct booths in such a manner that will reasonably accommodate expected attendees within the confines of their licensed exhibit space No unaccompanied or unsupervised minors; under the statutory age of legal consent shall be allowed in the exhibit hall at any time.

#### 5. Union Labor

The Applicant must comply with all union regulations applicable to installing, dismantling and display of the exhibits.

#### 6. Installation and Dismantling of Exhibits

Exhibits must be completely installed and finished prior to the scheduled exhibition opening date and time and must remain in place until the show closes.

#### 7. Sublicensing of Space

The Applicant shall not assign, sublicense or permit the whole or any part of the exhibit space licensed to Applicant or have representatives, equipment or materials from any other firms than their own in the exhibit space without the written consent of Management. Only one company shall be considered as the Applicant, and no other company is licensed to use the space unless said company or unit is a subsidiary, parent, or affiliate of the Applicant.

#### 8. Official Contractor

The Official Contractor has been designated to perform services for an Applicant such as the rental of furniture, erection of exhibits, electrical work, plumbing, labor, cleaning and other service. No Applicant or representative shall contract for such services with other than the said official contractor without the express written consent of Management, which, for reasons of security, in its sole discretion can deny such permission. In the event Applicant hires subcontractors to perform services for the event, Applicant shall: (a) remain fully responsible and liable for the subcontracted obligations and duties to the same extent as if Applicant had fulfilled the obligations and duties itself; (b) bear all responsibility for paying such subcontractors and not charge IEEE/Management for the services performed by such subcontractors; and (c) indemnify IEEE against any third party damages arising from the gross negligence or willful misconduct of such subcontractors.

#### 9. Insurance

The Applicant is required to obtain general public liability insurance in the amount of one million dollars (\$1,000,000). Such insurance maintained by the Applicant must be issued by an insurance company with an A.M. Best rating of A or higher and shall include coverage of the indemnification obligations of the Applicant under this Application. Each Applicant is also required to carry workers compensation protecting employees in accordance with the laws of the state in which the program or conference is being held. Nothing in this paragraph shall limit the amount of liability the Applicant may be responsible for.

#### 10. Indemnification

The Applicant assumes entire responsibility for and hereby agrees to protect, indemnify, defend and hold harmless, IEEE and its employees, subsidiaries, affiliates and agents, against all third-party claims, losses and damages to persons or property, governmental charges or fines, and other reasonable expenses, including attorney's fees, arising out of or due to the Applicant's or its employees, subsidiaries, affiliates or agents negligence or willful misconduct. In addition, the Applicant acknowledges that IEEE does not maintain insurance covering the Applicant's property and that it is the responsibility of the Applicant to obtain business interruption and property damage insurance covering such losses sustained through the programs or conferences.

#### 11. Limitation of Liability

The Applicant agrees that IEEE shall not be liable for any damage or injury to persons or property during the term of this Application, from any cause whatsoever, and that the Applicant will indemnify and hold harmless IEEE from all liability whatsoever, on account of such damage, or injury whether or not caused by negligence of or breach of an obligation by the Applicant or its employees or representatives.

#### 12. Unoccupied space

Management reserves the right, should any Applicant's licensed space remain unoccupied on the opening day, or should any space be forfeited due to the failure to make proper payment, to license any space to any other Applicant, or use said space in any other manner, but this clause shall not be construed as affecting the obligation of the Applicant to pay the full amount specified in its invoice for the licensed space under the terms of this contract.

#### 13. Inability to Perform

If Management should be prevented from holding the exhibition by any cause beyond its control (such as fires, strikes, Acts of God, etc.) or if it cannot permit the Applicant to occupy his space due to circumstances beyond its control, Management will refund to the Applicant the amount of the license fee paid by them, and IEEE shall have no further obligation or liability to the Applicant.

#### 14. Observance/Compliance of Laws

Applicant shall abide by and observe all laws, regulations and ordinances of any applicable government authority and all rules of the convention center/hotel. Applicant is required by the applicable state laws to be solely responsible for the collection and remittance of any taxes imposed on them.

#### 15. Assignment of Space

Management shall assign the exhibit space to the Applicant for the period of the exhibition (provided the exhibit building is made available to Management) in priority order based on the rules and/or receipt of contract. Such assignment is made for the period of this exhibition only and does not imply that the same or similar space be held or offered for future exhibits. Every effort will be made to respect the Applicant's space choices whenever possible, but Management's decision will be final. Management reserves the right to transfer assignments when such action is deemed to be in the best interest of the Exhibition. Management reserves the right to withdraw its acceptance of this application/contract if it determines in its sole discretion that the Applicant is not eligible to participate or the Applicant's product or service is not eligible to be displayed in this exhibit, provided, however, that Management will refund to the Applicant any fees paid by Applicant.

#### 16. Non-Discrimination

IEEE is committed to the principle that all persons shall have equal access to programs, facilities, services, and employment without regard to personal characteristics not related to ability, performance, or qualifications as determined by the IEEE's policy and/or applicable laws

IEEE prohibits discrimination, harassment or bullying against any person because of age, ancestry, color, disability or handicap, national origin, race, religion, gender, sexual or affectional orientation, gender identity, appearance, matriculation, political affiliation, marital status, veteran status or any other characteristic protected by law. IEEE expects that its partners, contractors, affiliates and clients shall maintain an environment free of discrimination, including harassment, bullying, or retaliation when and where ever those individuals are conducting business with IEEE or participating in IEEE's events or activities.

#### 17. Publicity

Management may use Applicant's name and any non-confidential materials provided by Applicant on Management's website, and for internal and trade purposes, but only for the purposes of promoting this exhibition.

#### 18. Exhibit Space Rental Rates

Exhibit space rental includes materials and services described herein. Exhibition Price per  $3 \text{ m} \times 3 \text{ m}$  booth: AUD5800.00. Includes: Exhibit space; 2.5 m high back and side walls; a 3 m wide  $2 \text{ m} \times 2 \text{ m}$  high identification sign, and Exhibition Directory listing. Double booths are AUD11,600.00 including GST or twice the single with twice the specifications as the single booth. One booth (number 99) of three spaces in an "L" shape is AUD14,000.00 including GST with three times the specifications as the single booth.

Note the booth rates are in Australian Dollars (AUD) and are inclusive of GST. Exhibition 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 conference registration.

#### 19. Payment Requirements and Cancellation Charges

Full payment must accompany this Application and the Application will not be processed without such payment. A completed application with full payment and all requested information should be submitted after 15 January 2018 at

#### http://www.nssmic.org/2018/Exhibit.asp.

The Applicant must notify IEEE in writing of any cancellations. Cancellations are not effective until notice has been received in writing by IEEE and permission to cancel granted by IEEE. Space reductions are considered cancellations and may be subject to cancellation fees.

Refunds are given as follows:

On or before June 1, 2018, 50% of total booth cost, less a AUD100 service fee, will be refunded

After June 1, 2018, No Refund will be permitted. No-show exhibitors will receive no refund

It is understood that Management reserves the right, at its option, to reassign a cancelled booth regardless of the cancellation rate assessed.

#### 20. Amendments

All matters and questions not covered by this Application are subject to the decisions of Management. This Application may be amended at any time by Management upon prior written notice and all amendments that may be so made shall be equally binding on all parties affected by them as by the original regulations.



# **Booth Reservation and purchase:**

Registration will open after 15 January 2018 using a web-based registration system. The display will be a representation of the actual arrangement of the booths, aisles, coffee stations, and entrance/exits. In this system, you will be able to see the booths that are sold and the company that has purchased that booth or booths.

Several pairs of booths will be grouped as "doubles." These will be reserved as doubles until 1 May 2018. Any unsold booths will then be available as singles. Booth 99 is a special arrangement of three booths in an L shape and is located in a good location near the doorway to the poster sessions.

You should have the following information ready when you make your online application to reserve your booth: Company Name, Street Address, City, State, Postal Code, Country. Phone, Email, web address Exhibit Contact, Exhibit Contact email,

Payment information is required to reserve the booth.

No furnishings or extra utilities are included and should be ordered on the service forms that will be sent in the Exhibitor Manual in July 2018.

The conference website is <a href="www.nss-mic.org/2018">www.nss-mic.org/2018</a>, look in the Industrial Program section.

## **Payment:**

A payment of the total booth cost is required to confirm your application. No space will be allocated without payment. Payment can be made by Amex, MasterCard, Visa, or wire transfer. Card details are entered on the secure website. There is a AUD50.00 service charge for wire transfers.

Reserving a booth and making the payment means: 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.

# **Shipping:**

Exhibit materials may not be sent directly to ICC Sydney. It is recommended that a broker be used to receive your freight, process through customs and deliver to the conference when needed. ICC Sydney works closely with Agility Fairs & Events to provide for storage before the conference and delivery to the 2018 IEEE NSS-MIC, ICC Sydney at the correct time. After the conference, Agility can handle the return shipment.

Agility has service tailored to international exhibitors, including: full service, inclusive of freight, customs, and handling. Australia has detailed Customs and Quarantine procedures; the Agility team will work with you to ensure your goods enter the country problem free.

For more information contact: Agility Fairs & Events, Tel: +61 3 9330 3303, <a href="mailto:expoeasy@agility.com">expoeasy@agility.com</a>. You are responsible for all contracts and charges for this service.

# **Event and Other Sponsorship Packages**

NSS MIC Committee are also looking for other potential opportunities for vendor sponsorship (such as: promotion of the banquet, night out activity, conference bags, promotional items). Please contact Ron Keyser (ronkeyser@ieee.org) or Anatoly Rozenfeld (anatoly@uow.edu.au) if you would like to discuss how your organization could participate.





# 2018 IEEE Nuclear Science Symposium and Medical Imaging Conference

Radiation detectors and instrumentation and their applications in:

- Particle and nuclear physics, astrophysics, synchrotron radiation, security, energy, and environmental science
- Medical sciences, including image reconstruction, image/data analysis, radiation therapy, and dosimetry

Scientific sessions, industrial exhibition, short courses, special focus workshops

Abstract Submission Deadline 9th May 2018

General Chair: Anatoly Rozenfeld Deputy General Chair: Ralf Engels

Scientific Program Chairs:

NSS Co-Chairs: Geoffrey Taylor and Craig Woody MIC Co-Chairs: Steve Meikle and Taiga Yamaya RTSD Co-Chairs: Ralph James and Michael Fiederle

ational Convention Centre • Sydney • 10-17 November 2018

Email: nssmic2018@ieee.org www.nss-mic.org/2018

on Room-Temperature X-Ray & Gamma-Ray Detectors In conjunction with 25th International Symposium