# IEEE – Institute of Electrical and Electronics Engineers



The world's largest technical professional organization for the advancement of technology

#### ~400000 members

#### **Areas of Interest**

#### Conferences, Standards, Publications, Education

#### **41 Societies**

Aerospace and Electronic Systems Society

Antennas and Propagation Society

**Broadcast Technology Society** 

Circuits and Systems Society

Communications Society

Computational Intelligence Society

Computer Society

Consumer Technology Society

Control Systems Society

Dielectrics and Electrical Insulation Society

Education Society

Electromagnetic Compatibility Society

**Electron Devices Society** 

Electronics Packaging Society

Engineering in Medicine and Biology Society

Geoscience and Remote Sensing Society

Industrial Electronics Society

**Industry Applications Society** 

Information Theory Society

Instrumentation and Measurement Society

Intelligent Transportation Systems Society

Magnetics Society

Microwave Theory and Techniques Society

Nuclear and Plasma Sciences Society

Oceanic Engineering Society

Photonics Society

Power Electronics Society

Power & Energy Society

Product Safety Engineering Society

**Professional Communication Society** 

Reliability Society

Robotics and Automation Society

Signal Processing Society

Society on Social Implications of Technology

Solid-State Circuits Society

Systems, Man, and Cybernetics Society

Technology and Engineering Management

Society

Ultrasonics, Ferroelectrics, and Frequency

Control Society

Vehicular Technology Society

**Nuclear and Plasma Sciences Societies (NPSS)** 

# NPSS - Nuclear and Plasma Sciences Societies

**~3500** members

**Areas of interest** 

Conferences, Standards, Publications, Education

7 Technical Committees (TC)

**Computer Applications in Nuclear and Plasma Sciences (CANPS)** 

**Fusion Technology Standing Committee (FTC)** 

**Nuclear Medical and Imaging Sciences (NMISC)** 

**Particle Accelerator Sciences and Technology (PAST)** 

Plasma Science and Applications (PSAC)

**Pulsed Power Science and Applications (PPST)** 

**Radiation Effects Committee (REC)** 

**Radiation Instrumentation (RITC)** 

**TransNational Committee (TNC)** 

**Each TC organize one or several Conferences:** 

The Real Time Conferences (biannual) and the NSS/MIC conference (annual)

are physics and medical (radiation ) instrumentation conferences organized by CANPS, NMISC, RITC

# NPSS's Instrumentation Schools

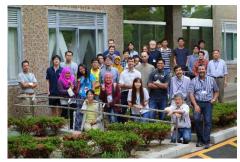
# NPSS committees TNC, CANPS, NMISC, RITC have since 2014 been involved in conducting Instrumentation Schools aimed at

To train master level students in the area of radiation detectors and its applications.

To promote the participation of young scientists in radiation measurements and related fields

This will be achieved through a combination of lectures and experiments (demonstrations)

Before, and hopefully after, COVID these have been in person During COVID we have to make do with virtual or semi-virtual meetings



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2014 Osaka, Japan

2016 HoChiMinh City, Vietnam

2018 Cape Town, South Africa

2019 Kuala Lumpur, Malaysia

Our aim is to have an in person Instrumentation School in Dakar next fall

# Welcome

# As present Chairman of the NPSS' TransNational Committee I would like to Welcome you to this Workshop on Radiation Instrumentation