

## IEEE Power and Energy Society Entity Annual Report

2021

**Entity:** Power System Instrumentation and Measurements committee  
**Website:** <http://www.psimcommittee.org/>  
**Chair:** Ernst Hanique  
**Vice-Chair:** Jeffrey Britton  
**Secretary:** David Wallace  
**Immediate Past Chair:** Jim McBride

### 1. Significant Accomplishments:

Our committee is a horizontal type of committee. We write standards used by other apparatus type of committees. For example, our 1122 guide about impulse measurements systems defines the general concept, use and requirements of such a system for testing all kind of different apparatus. (e.g. Switchgear, Transformers etc.) The same is true for our sensor group.

Because we develop high-end fundamental standards for all kinds of measurements, our members are experts with fundamental scientific knowledge.

### 2. Benefits to Industry and PES Members from the Committee Work:

Again, because we are horizontal, we develop all kinds of standards directly or indirectly used by the industry. Most of the time apparatus committees refer to our standards.

### 3. Benefits to Volunteer Participants from the Committee Work:

Because of our fundamental scientific work, it is a perfect environment for young engineers.

### 4. Recognition of Outstanding Performance:

Nothing to report.

### 5. Coordination with Other Entities (PES Committees, CIGRE, standards, etc.):

Our committee has several liaisons with equivalent groups within IEC and CIGRE.

### 6. New Technologies of Interest to the Committee:

We are currently putting new activities on hold to save time for the our China chapter activities.

**7. Global Involvement**

The main committee conducts scheduled web meetings to evaluate and harmonize these PARS within our organization. We are organizing our communication with each China chapter PAR project by a liaison structure. The actual liaison is the chair of the PAR project and an expert in the field and is also familiar with the English language, willing to participate in our (web) meetings as a full member of our committee.

We also made a opening/welcome video for the main meeting of the China Chapter, because we were not able to attend the meeting ourself due to COVID 19.

Not yet determined	Not yet determined	Not yet determined	Not yet determined
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**8. Significant Plans for the Next Period:**

We almost finished the setup of China chapter PAR projects.

**Submitted by: Ernst Hanique**

**Date: 31-01-2022**