

## **IEC-61499 standard status and current activities within the IEC SC65B WG15 (IEC-61499 Maintenance Team) Workshop**

### **Abstract**

The IEC has activated recently a new working group, called WG15, in order to correct, consolidate and complete, where necessary, the standard. Main objectives of the workshop are to:

- 1) Present to the academic community the work already done and objectives achieved inside the working group,
- 2) Get their feedback as well as proposals and suggestions on the presented achievements,
- 3) Introduce near future plans and objectives,
- 4) Open discussion on future plans.

### **Organizers**

- ✓ *Alois Zoitl*, Vienna University of Technology.
- ✓ *Martijn Rooker*, Profactor GmbH.
- ✓ *Antonio Valentini*, O3neida Europe.

### **Date**

16<sup>th</sup> September.

### **Duration**

Half day, afternoon.

### **Potential attendees**

People exploiting the standard in academia and/or industry, people evaluating the use of the standard, people interested in understanding how an IEC WG generally works.

### **Agenda**

Time	Title/Speakers(s)
13:30 – 14:00	<b>Introduction to the IEC 61499</b> <i>Antonio Valentini, O3neida Europe</i>
14:00 – 14:20	<b>WG15 current activities and achieved results</b> <i>James Christiansen, Holobloc Inc. – USA, WG15 Convenor</i>
14:20 – 14:40	<b>ICS-Triplex (part of Rockwell Automation) vision</b> <i>Julien Chouinard, ISaGRAF – Canada</i>
14:40 – 15:00	<b>nxtControl vision</b> <i>Horst Mayer, nxtControl – Austria</i>



Time	Title/Speakers(s)
15:00 – 15:30	Coffee Break
15:30 – 15:50	<b>End-user perspective</b> <i>Pierantonio Ragazzini, IMA SpA – Italia</i>
15:50 – 16:10	<b>Standardization activities in the domain of Smart Grids and its relation to IEC 61499</b> <i>Thomas Strasser, Austrian Institute of Technology – Austria</i>
16:10 – 16:30	<b>Function blocks in large cyber-physical systems: BHS and SmartGrid</b> <i>Valeriy Vyatkin, University of Auckland – New Zeland</i>
16:30 – 16:50	<b>MT15 near future plan T</b> <i>Alois Zoitl, Vienna University of Technology</i>
16:50 – 17:30	<b>Open discussion</b> <i>Moderator: Antonio Valentini, O3neida Europe</i>