

DISCUSSION MEETING SUMMARY

Study Committee B5 (Protection and Automation)

Tuesday 27th August 2024

Chair: Rannveig S. J Løken

Secretary: Richard Adams

Special Reporters: René Troost (NL, PS1), Pablo Humeres Flores (BR, PS2)

1. INTRODUCTION

The 2024 discussion meeting of Study Committee B5 was held on Tuesday 27th of August 2024 in the Grand Amphitheatre at the Palais des Congrès in a morning and afternoon session. About 870 persons attended the session.

Session Team for PS1 and PS2



2. RUNNING OF THE MEETING

The Discussion Group Meeting was chaired by the Study Committee Chairperson, Rannveig S. J. Løken, with René Troost (NL, PS1) and Pablo Humeres Flores (BR, PS2) as B5 Special Reporters and Richard Adams as SC B5 Secretary. Incoming SC B5 Chair Volker Leitloff and incoming SC B5 secretary Peter Bishop assisted.

The Chair opened the session by welcoming the audience and presenting them the status of the work of Study Committee B5.

The audience were informed of the format of the General Discussion Meetings that is based on questions from the Special Reporter on the bases of papers for the 2024 Session. Each of the two sessions had an opening report by Special Reporter followed by the prepared contributions presented in 2.5-3 minute slots.

Spontaneous contributions from the audience where possible from Grand Amphitheatre at the end of the sessions and was also enabled through use of the Sparkup application to allow questions to be asked and responded to on-line. The Sparkup application and questions were managed by Richard Adams the SC B5 Secretary. The Special reporter had the closing report at the end of each session.

The Chair closed the session by thanking the audience for their contributions and presenting the awards given to Study Committee B5 in 2024.

3. CONTRIBUTIONS TO PREFERENTIAL SUBJECT 1

PS1 - Practical experiences and new developments of process bus

- Experience feedback and implementations of IEC 61850 based process bus.
- Synergies with virtualization and hardware consolidation.
- use of process-near interface intelligent electronic device (IED) and low power instrument transformers (LPIT).

10 questions were proposed in the Special Report to which there were 40 prepared contributions.

4. CONTRIBUTIONS TO PREFERENTIAL SUBJECT 2

PS2 - Acceptance, commissioning, and field testing for protection, automation and control systems

- Current practices and experience feedback.
- Challenges and perspectives for a new era of protection, automation and control systems.
- Skills, tools and testing methods.

11 questions were asked in the Special Report to which there were 58 prepared contributions.

5. CONCLUSION

The session had a total of 98 contributions addressing the 2 preferential subjects, 40 for PS1 and 58 for PS2. Contributions were received from over 20 different countries.

Although the agenda was full and focused on the prepared contributions, there was some opportunity for fruitful discussion.

The Chair closed the session by thanking the audience for their contributions, thanking the Special Reporters and SC B5 secretary for their excellent work. The awards given to Study Committee B5 in 2024 was also presented.