

# MOTOR SUMMIT 2018

## International

### Motor Summit 2018 International - Side Event

#### Workshop Round Robin Converters: Tuesday 13 November 2018

In order to support the revision of the standard IEC 61800-9-2, EMSA has launched in cooperation with IEC an international testing program: "Round Robin for Converter Losses" (RR'C). The goal is to verify the current test method for converter losses and to review the currently defined reference losses and efficiency classes. Five independent laboratories in five countries are involved in the ongoing phase 1 of the project.

We are pleased to welcome the project participants and interested guests at this RR'C Workshop in the framework of the Motor Summit 2018 International. During this Workshop, the first results of the project phase 1 and the way forward will be discussed and presented.

#### Program

#### **Tuesday 13 November 2018**

Time	Topic	Speaker
13:30	Welcome and introduction to the Round Robin for Converter Losses (RR'C)	Conrad U. Brunner, Impact Energy (Switzerland)
13:45	Introduction to Uniform Testing Protocol for the RR'C	Andrew Baghurst, CalTest (Australia)
	Report of test results Australia/CalTest	
14:15	Report of test results USA/AE	Emmanuel Agamloh, Advanced Energy (USA)
14:30	Report of test results Switzerland/BFH	Andrea Vezzini, Bern University of Applied Sciences (Switzerland)
14:45	Coffee break	
15:00	Report of test results Denmark/DTI	Sandie B. Nielsen, Danish Technological Institute (Denmark)
	Results RR'C phase 1	
15:30	Discussion of test results, Uniform Testing Protocol	Martin Doppelbauer, Karlsruhe Institute of Technology (Germany), chairman IEC TC 2
15:45	Open discussion	all
16:15	Way forward: necessary changes in IEC 61800-9-2	Tim Schumann, SEW-Eurodrive (USA), convenor SC 22G, WG 18
16:30	Plan for RR'C phase 2	Andrea Vezzini, Bern University of Applied Sciences (Switzerland)
16:45	Conclusions	Conrad U. Brunner, Impact Energy (Switzerland)
17:00	End of the RR'C Workshop	

More information on the project: [Round Robin Converters \(RR'C\) - short overview](#)

Workshop participation fee: CHF 100 (places are limited)  
Registration: [www.motorsummit.ch/2018](http://www.motorsummit.ch/2018)