DIAMOND – Diagnosis-aided control for SOFC

WORKSHOP
Monitoring, Diagnostics and Control for SOFC systems

Improving SOFC-based CHP performance through innovative diagnosis and control

C. Pianese - Dissemination Manager
University of Salerno (I) – pianese@unisa.it

www.diamond-sofc-project.eu

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Workshop

- Welcome - (C. Pianese Univ. of Salerno)
- 14:30-14:50 DIAMOND Project overview (R. Makkus - Hygear)
- 14:50-15:10 Models for monitoring & diagnostics of SOFC (Univ. of Salerno)
- 15:10-15:30 Supervisory control for SOFC (D. Vrecko - Institute Jožef Stefan)
- 15:30-15:50 Evaluation of Total Harmonic Distorsion Analysis tool for SOFC diagnostics (B. Morel - CEA)
- 15:50-16:10 ENDURANCE Project overview (P. Piccardo - University of Genova)

Workshop

- 16:10-16:30 Coffe break
- 16:30-16:50 Benefits of advanced control, diagnostics and monitoring to enhance operations and market penetration of SOFC (K. Åström - Convion)
- 16:50-17:10 Total Harmonic Distorsion Analysis-based diagnostics for PEMFC (S. Pofahl - AVL)
- 17:10-17:30 EIS of PEMFC via pseudo-random binary sequence perturbations (Đ. Juricic - Institute Jožef Stefan)
- 17:30-17:50 On-field EIS-based diagnostic tool for PEMFC (P. Polverino - University of Salerno)
- 17:50-18:30 Discussion

Thank you