InComEss Final Workshop

January 31, 2024
09:00 AM – 03:00 PM CET

Online Event
Free Admission

This project receives funding in the European Commission's Horizon 2020 Research Programme under Grant Agreement Number 862597

Agenda

09:00 – 09:15	**Welcome & InComEss overview** *Dr. Cintia Mateo , AIMEN Technology Centre, InComEss Project Coordinator*
09:15 – 09:35	**Piezoelectric lead-free composites for mechanical energy harvesting** *Dr. Amanda Melo, CENTI – Centro de tecnologia e materiais tecnicos e inteligentes*
09:35 – 09:55	**Thermoelectric Generators: development from materials to module** *Dr. Beate Krause, IPF – Leibniz-institute fr Polymerforschung Dresden* *Dr. Alina Zabnienska–Gora, Brunnel University London*
09:55 – 10:15	**Wireless low power FOS interrogator** *Vincent Docter, Photonfirst*
10:15 - 10:30	**IoT solution: from Edge to Cloud** *Dr. Marios Vlachos, ICCS - Institute of Communication and Computer Science*
10:30 - 10:45	**Recyclability of InComEss generators** *María Blecua, Fundación CIRCE Centro de Investigación de Recursos Energéticos*
10:45 – 11:05	**InComEss contribution to future standardization** *Carmen Martín, UNE - Asociación Española de Normalización*
11:05 – 11:20	**Coffee break**

Agenda

11:20 – 11:35	**Printed Monolithic Supercapacitors** *Prof. Matti Mäntysalo,Tampere University*
11:35 – 11:55	**Validation of InComEss-based Thermoelectric and Piezoelectric Energy Harvesting Systems in Aeronautic applications** *Dr. Gabriele Voto, Societé Nationale de Construction Aerospatiale SONACA SA*
11:55 – 12:15	**Validation of InComEss-based Piezoelectric Energy Harvesting Systems in building applications: Structural Health Monitoring for building envelope** *Laura Vandi, FOCCHI SPA*
12:15 – 12:35	**Validation of InComEss-based Thermoelectric Energy Harvesting Systems in Automotive applications** *Mauro Brignone, MARELLI Europe SPA*
12:35 – 12:50	**Coffee break**
12:50 – 13:05	**One-Step Melt Extrusion Compounding of Thermoplastic Polymer and Carbon Nanotubes for the Fabrication of thermoelectric Generators (TEGs) and its Recyclability** *Dr. Minh Tran, NANOCYL SA*
13:05 – 13:20	**New active materials in supercapacitors** *Siim Küünal, Skeleton Technologies OU*
13:20 – 13:35	**Business Cases for Energy Harvesting Systems and Wireless Sensors** *Dimitris Eleftheriou, CORE Innovation and Technology OE*

Agenda

13:35 – 13:50	**The Macro Fiber Composite (MFC) for energy harvesting. MFC types, history and application guidance** *Thomas Daue, Smart Material GMBH*
13:50 – 14:05	**Coffee break**
	ERHASE Cluster Session
14:05 – 14:20	**SYMPHONY Project, P(VDF-TrFE) based piezoelectric nanogenerators for energy autonomous sensor systems** *Dr. Jonas Groten, Joanneum Research Forschungsgesellschaft mbH, SYMPHONY Project Coordinator*
14:20 – 14:35	**FAST-SMART Project, FAST and Nano-Enabled SMART Materials, Structures and Systems for Energy Harvesting** *Prof. Yi Qin University of Strathclyde, FAST-SMART Project Coordinator* *M. Rostagno, GAE Engineering, Dissemination and Exploitation Manager*
14:35 – 14:50	**START Project, Conversion of secondary mineral resources into value-added products for energy harvesting systems** *Dr. Filipe Neves, LNEG – National Laboratory of Energy and Geology, START Project Coordinator*
14:50 – 15:00	**Closing, End of the Event**

Stay in touch with us!

Incomess-project.eu

InComEss Project

@InComEss_eu

@incomessproject32

This project receives funding in the European Commission's Horizon 2020 Research Programme under Grant Agreement Number 862597