

**EnerHarv Workshop Announces Confirmed Speakers**

The 3rd [EnerHarv International Energy Harvesting Workshop](#), which will be hosted by the Noise in Physical Systems (NiPS) Lab at the University of Perugia in Perugia, Italy, 26-28 June, 2024, has announced its confirmed speakers (see the table). This event will be live and in-person including keynotes and paper, poster and demo presentations from energy harvesting technology leaders from both academia and industry. This year, EnerHarv will be co-located with the [NiPS Summer School](#) .

Planned workshop tracks include energy transducers, power management, energy storage and system integration. Topics include

- Energy harvesting materials and technology
- Energy storage systems
- Innovative photovoltaics
- Low power sensors and circuits
- IOT applications
- Micro power electronics
- Panel discussion on future perspectives on energy harvesting and IOT ecosystem.

Table. EnerHarv’s speakers.

Luca Gammaitoni	Univ of Perugia	Fundamental Physical Limits in the Energy Consumption of IoT Devices
Daniela Iacopino	Tyndall	Fabrication of Green Electronic Materials and Components for Sustainable Energy Storage and Harvesting
Joshua Wright	Ambient Photonics	Your Batteries Are Dead – Applications Guide to Indoor Photovoltaics
Mahmoud Wagih	Univ of Glasgow	RF Wireless Power Transfer: the enabler of large area electronics?
Carlos Mastrangelo	Univ of Utah	Energy Scavenging for Ocular Microsystems
Meiling Zhu	Univ of Exeter	Self-powered Safety Sensors for Railway Applications***
Carlos Schlabitz	TDK	Solid-state Microbatteries***
Muhammad Abdelhamid	FAAM	Materials for Green Batteries***
Libu Manjakkal	Edinburgh Napier Univ	Electrochemical Capacitors as an Energy Storage Device Using Advanced Functional Materials for Flexible and Wearable Applications
Rodrigo Martins	New Univ of	Transparent/Paper Electronics***

	Lisbon	
Andrea Lamberti	POLITO	Sustainable Materials for Electrochemical Energy Harvesting and Storage Devices: Development and Integration
Stefano Marchionna	RSE	High Performing Anodes for Post-Lithium Ion Batteries
Peter Woias	Univ of Freiburg	Thermal Energy Harvesting: From Low to High Delta T
Thomas Brown	Tor Vergata Univ of Rome	Perovskite PV for Flexible & Indoor Applications***
Andrea Ballo	Univ of Catania	Fully On-chip DC-DC Switched Capacitor Converters: Design and Novel Solutions for Energy Harvesting
Domenico Balsamo	Newcastle University	Unlocking the Potential of EH-based IoT Systems through Intermittent Computing and Cutting-Edge Energy and Time Management
Bruno Damien	e-peas	Optimizing Energy Harvesting Micro-power Design and Ecosystem Elements Choice for Better System Performance
Michele Magno	ETH Zurich	Empowering the Future of IoT: Always-On Smart Sensors, Energy Harvesting, and Tiny Machine Learning
Roberto La Rosa	INNOITALY	Enabling the Future of Massive IoT: Overcoming Integration Challenges for Maintenance-Free Wireless Sensor Nodes
Eoin Ahern	Tyndall	Energy Harvesting Testbed for Optimising Energy-constrained WSN Nodes and Networks
Maria Doglioni	Univ of Trento	Harvesting Nature's Power: Plant-Microbial Fuel Cells & Adaptive Self-Scaling Energy Storage for Battery-free IoT
Gerd vom Bogel	Fraunhofer IMS	Energy Harvesting and Power Management for a Retrofittable Current Sensor for Grid Condition Analysis
Elisabetta Boco	Eagleprojects	IoT Applications for Smart Cities
Davide Brunelli	Univ of Trento	Microbial/Plant-based Fuel Cells***
Cristina Rusu	RISE	The Role of Flex in the Future of EH***

Baoxing Chen	ADI	Fast-Tracking Sustainable IoT: Accelerating the Path through the Energy Harvesting Ecosystem
Orazio Aiello	Univ of Genoa	UBIGIOT: Ultra-Low Design-Effort, Energy-Efficient and Battery-Indifferent Sensor Node for the Green Internet of Things
Brian Zahnstecher	PowerRox	The Power Sources Manufacturer's Association (PSMA): Where the Power Electronics and Power IoT Ecosystems Converge
Shad Roundy	Univ of Utah	ASSIST: Vigilant Health Monitoring through Selp-powered Wearable Technologies
Valeria Nico	Univ of Limerick	CONNECT: Energy Research for Sustainable IoT Solutions
Alex Weddell	Univ of Southampton	The UK Energy Harvesting Network
Thomas Brown	Tor Vergata Univ of Rome	The Energy Harvesting Roadmap
Luca Castellini	WisePower	Industrial Design Leads the Way to IoT Commercial Adoption***
Corrado Boragno	Univ of Genoa	The Future of Wind/Wave Energy Harvesting
Maeve Duffy	Univ of Galway	The Path to Transition Emerging EH Tech to the Mainstream

Among the new features of this year's workshop is a dedicated booklet (with professional reference, DOI, ISBN, etc.) of proceedings with the optional opportunity to include supporting materials optional to those presented live at the workshop. Details on the final poster and demo format will follow. In the meantime, contact the [conference organizers](#) with any questions.

If you are interested in presenting a poster/demo, please send an abstract to [abstracts@enerharv.com](mailto:abstracts@enerharv.com). Abstracts should be no more than one page in length and include a title, list of authors, presentation description/abstract and point of contact. The open call for posters closes May 31.

Visit the conference [website](#) for more event details.