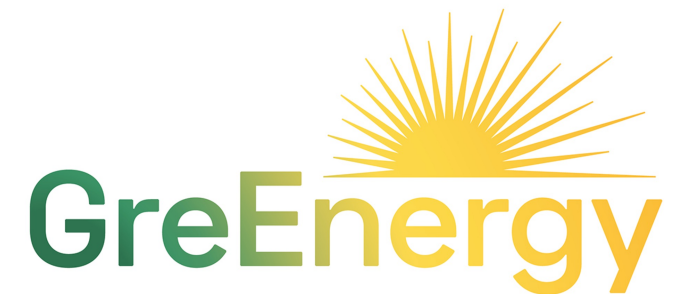

ESSCIRC/ESSDERC 2024

Wideband Optical Antennae for Use in Energy Harvesting Applications

GreEnergy

9 September, 2024



Speakers

GreEnergy: Setting a New Paradigm for Solar Energy Harvesting

Avi Ginzburg (AMO GmbH, DE)

Full-Wave Modeling of Quantum Transport in Graphene Geometric Diode for THz Rectenna Applications

Luca Pierantoni (Università Politecnica delle Marche, IT)

Monte Carlo Simulations of Graphene Ballistic Diodes

Davide Truccolo (University of Udine, IT)

Effects of External Magnetic Field on Carrier Dynamics of Graphene

Yuval bar Yossef (NOGAH PHOTONICS, IL)

2D Materials for Energy Harvesting Application

Zhenxing Wang (AMO GmbH, DE)

*** Invited: Planar THz Devices and Graphene Tunnelling Diodes**

Aimin Song (University of Manchester, UK)

Mixed-Dimensional van der Waals Heterostructures

Harri Lipsanen (Aalto University, FI)

Challenges for Integration of Electrochemical Capacitors in Energy Harvesting Devices

Per Lundgren (Chalmers University of Technology, SE)

Energy Harvesters: Challenges in Circuit Design

Mesut Inac (IHP - Leibniz Institute for High Performance Microelectronics, DE)

Feedback

Invitation to GreEnergy Feedback Form

<https://www.greenergy-project.eu/final-form/>

