



ENERGY HARVESTING SOCIETY

www.energyharvestingsociety.org

Energy Harvesting Society (EHS) is a nonprofit organization of international professionals, researchers, and scientists with the goal of advancing the interdisciplinary education, outreach activities, and technology in the field of energy. EHS provides a dynamic and interactive platform for the global community of energy-related researchers and professionals to advance their learning and practice through knowledge sharing and timely dissemination. A key role of the EHS is to provide the requisite infrastructure and resources that enable global exchange of technical information related to interdisciplinary energy harvesting research, standards and policy.

OUR MISSION

Our prime mission is advancing the interdisciplinary education, outreach activities, and technology in the field of energy. EHS organizes workshops, conferences, and lectures; publish magazines and journals; and establish online presence to engage with community.

OUR VISION

EHS provides a dynamic and interactive platform for the global community of energy-related researchers and professionals to advance their learning and practice through knowledge sharing and timely dissemination.

OUR VALUES

- Promoting knowledgebase, outreach, diversity and academic excellence
- Promoting technology transition activities and related policies
- Building the global interdisciplinary community
- Building the interface between academia, funding agency and industry
- Being broadly inclusive, dynamic and democratic in decision making
- Being champion of sustainability and green energy

Membership

Membership Types	Annual Dues
Student	\$50
Individual	\$125
Corporations (fewer than 500 employees)	\$500
Corporations (more than 500 employees)	\$1000

EHS activities and membership benefits

- Discounted registration fee at the annual society meeting
- Free access to certain number of future journal articles
- Opportunities to engage with diverse global membership that encompasses students, researchers, scientists, and professionals from all sectors of the energy community
- Encourage membership at all levels through educational and outreach programs
- Provide avenues for the members to express their research interests to funding agencies
- Offer educational programs, products and services that assist members to achieve professional goals
- Provide interactive and rewarding member engagement and volunteering opportunities
- Provide online services that facilitate the timely dissemination of research and promote global connectivity
- Provide printing services for the membership to publish their research results
- Provide standards for energy technologies that facilitate product development and adoption

Create Global Hub

A key role of the Energy Harvesting Society (EHS) will be to provide the requisite infrastructure and resources that enable the global exchange of technical information related to interdisciplinary energy harvesting research, standards and policy. EHS will organize publications, online resources, meetings, workshops, and discussion forums to serve the energy harvesting community in addressing its technical needs.

Support Education

Energy harvesting research directly addresses the critical energy needs of society and environmental challenges such as global warming. The research conducted by the energy harvesting community will also open new opportunities for developing products and systems that improve the quality of life. EHS will effectively communicate the importance of energy science to the general public and promote science and technology to the next generation. It will develop educational curriculums that provide career pathways for the students to become engaged with the energy industries. It will reach out to the teachers and educators providing them interactive teaching materials that improve learning in the classrooms.

Create Standards

The scientific community must be engaged in solving the critical problems facing society. Energy harvesting research will improve the existing technologies and open the possibility for designing and implementing new innovations that address the global societal energy needs in various aspects. EHS will remain committed to its mission for the advancement of interdisciplinary energy research and education to improve the quality of life and create new career opportunities that result in growth and sustainability. EHS will strive to promote public awareness, increase the engagement of the scientific community and catalyze technological advancements.

Connect Across Disciplines

EHS will work toward becoming the leading platform for the promotion of cutting-edge, high-impact and interdisciplinary energy research. EHS will continue to strive to involve the larger research community into energy research by providing technical information needed to facilitate interdisciplinary interactions. EHS will continue to find ways to bring benefits and services to energy researchers, regardless of discipline, throughout the world.

UPCOMING EVENT

Annual energy harvesting society meeting

September 11 – 14, 2017

The Westin Tysons Corner, Falls Church, VA, USA

The meeting will be held along with IWPMA 2017 and 12th EHW.

Further information about these joint conferences can be found at www.ehworkshop.com.

Donation for EHS

Your donation will help us develop EHS. We can't do it without you. Thank you for your support! We are a 501(c)(3) nonprofit entity, and all donations are tax deductible.

We will use your help to:

- Develop energy-related educational programs (lectures, workshops, annual meetings)
- Create Scientific publications for disseminating technical knowledge to the society (journal, magazine, and online articles)
- Engage with the international community to promote clean energy
- Create partnerships with schools to engage young students in STEM fields

EXAMPLE TOPICAL AREAS

Topical areas include (but not limited to):

- Energy harvesting (piezoelectric, inductive, photovoltaic, thermoelectric, electrostatic, dielectric, radioactive, electrets, etc.)
- Energy storage (supercapacitors, batteries, fuel cells, microbial cells, etc.)
- Applications (structural and industrial health monitoring, human body network, wireless sensor nodes, telemetry, personal power, etc.)
- Emerging energy harvesting technologies (perovskites, shape memory, CNT, etc.)
- Energy management, transmission and distribution
- Fluid-flow energy harvesting
- Solar – thermal converters
- Multi-junction energy harvesting systems
- Wireless energy transfer
- Cascaded fuel cells and thermoelectrics
- Thermomagnetism
- Net-zero platforms
- Energy efficient electronics for energy harvesters and distribution
- Bio-based energy harvesting

Our goals

- Organize high-quality meetings and topical workshops that provide timely dissemination of the research results, encourage networking, career opportunities and scientific collaboration
- Organize events and panel discussions that address energy technologies and energy policies
- Provide leadership role in dissemination of information on energy science and technology to the public, research community and to governments
- Provide archival literature in the field of energy research and technology
- Advocate for energy harvesting science and technology
- Develop a dynamic, professional, interactive and dedicated team to assist the society activities
- Provide avenue for career development in the energy segments
- Support creative, active, responsible and dedicated volunteers
- Maintain a balanced budget
- Lead through collaboration, including work with other societies and organizations



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2200 Kraft Drive Suite 1200E, Blacksburg, VA 24060

energyharvestingsociety@gmail.com

540-443-9239

