

Michael Lublow*

Editorial

<https://doi.org/10.1515/ehs-2018-2001>

This is my first editorial after I took over the honor as editor-in-chief following Shashank Priya. I owe my deepest gratitude to Shashank for the outstanding work he did in the past and hope to continue his excellent work successfully in future issues. I also feel the deepest gratitude for the team of de Gruyter publishing house to welcoming me so cordially and I look forward to contributing by a rich output in this outstanding area of scientific publishing.

The scope of a journal is usually confined to a handful of related major topics to achieve a recognizable profile with its readership and authors. With *Energy Harvesting & Systems*, however, we inherently address not only a wide range of subjects. Moreover, this scientific field is still in an emerging state both scientifically and with its industrial applications. Think, for instance, of the advent of wearable devices, a topic that, a few years ago, appeared to be entirely exotic. In fact, publishing on energy harvesting necessitates nothing less than a broader scope in order to efficiently share upcoming novel ideas and to provide inspirational information between different disciplines. We can pinpoint this fruitful juxtaposition in retrospect of recent issues: with *Feasibility of a Wind-Hydrogen Energy System Based on Wind Characteristics for Chababar, Iran* a more conventional feasibility study on wind energy generation and its application to hydrogen storage was published in vol. 4, issue 4; with *Energy Harvesting Employing a Drive Similar as a Clock Unit* (vol. 4, issue 3), on the other hand, a

fascinating system was suggested for harvesting of vibrational energy at low source-frequencies, specifically adapted to typical wind turbine operation parameters. Complementing research projects like these make publishing in our field so exciting, and there are many research areas where energy harvesting solutions, fitting to state-of-the-art large-scale energy generation, are still to be developed.

With this new issue we present truly diverse topics: an article on thermal energy harvesting, detailing the promising properties of piezoelectric ceramics for the thermal-electrical energy conversion process; a fascinating outline on muon-induced nuclear fusion for realization of devices which can, in principle, be operated in small-scale applications and at low temperatures; and a study on anthocyanidin and anthocyanin pigments for enhancement of the electron injection process in dye sensitized TiO₂ solar cells. We hope that the presented work will converge on current interests of our readers and inspire complementary or even contrasting contributions in our next issues.

Energy Harvesting Society (EHS) is a non-profit 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.

*Corresponding author, Editor-in-Chief: Michael Lublow, Technical University of Berlin, Berlin, Germany, E-mail: lublowl@tu-berlin.de