Pegasus Professor Issa Batarseh

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Brief Bibliography:

Professor Issa Batarseh joined academia in 1991 as an Assistant Professor of Electrical Engineering at the University of Central Florida (UCF) in Orlando, Florida, USA. He has held various technical and administrative leadership positions. Currently he is serving the Director of the Power Electronics Center that he founded in 1989, and from 2017-19, he served as the Division Director of System Integration at the Florida Solar Energy Center at UCF. Over the last 33 years, his hard work and technical leadership has been demonstrated throughout his contributions as documented in his impressive resume. In 1998, with funding from National Science Foundation (NSF), he established (now its director) the Florida Power Electronics Center to conduct cutting-edge and high-quality research in solar energy conversion systems. The center was quickly recognized as one of the most respected research centers in the U.S. and abroad for solar energy conversion. He has been responsible for building and leading a world-class research team in renewable energy resulting in fundamental and highly cited contributions to the advancement of solar energy conversion. The center led to the establishment of several spin-off companies and published a world-class body of technical papers and continue to develop a new PV system architecture with an advanced integrated PV+storage system and grid-interaction functionality. His preeminent body of work is demonstrated by his many patented innovations that have been licensed, with some successfully commercialized where he took his innovations around the world to provide affordable and reliable solar-powered energy systems.

His scholarly impact is documented by more than 550 published works (25 educational journal and conference, papers 104 journals, 8 technical magazine reviews, 353 conferences, 40 US patents, 8 IEEE invited magazine articles), 6 book and book chapters, 6 workshop proceedings), and 45 doctoral dissertations and 44 master theses. According to Google Scholar, he has nearly 17,200+ citations and an h-index of 63.

Almost all of Dr. Batarseh' s research work in terms of research conference papers, journal papers and patents have been refereed and published in the open literature. He has given hundreds of invited presentations (including many keynotes) at universities, international conferences, and other major technical events across the US and abroad. The core of his publications is pertaining to clean energy technologies with an h-index of 64 (google scholar i10-index is 256, and more than 17,500 citations.