



Carl E. Baum Medal

In 2016 Dr. Sholapurwala approached Dr. Dave Giri to initiate the concept of the Carl E. Baum Medal to be awarded to persons for their long-standing accomplishments in the field of Applied Electromagnetics. Dr. Giri approached the Board of Directors of the Summa Foundation in Albuquerque, New Mexico, USA and the Summa Board agreed with the idea of this award. Further Drs. Sholapurwala and Giri, donated \$1,000 each to Summa Foundation to facilitate this award. Twenty-five medals were produced and provided to the Summa Foundation.

It was decided that the Summa Board of Directors would select the medal awardees each year and could choose any number between 0 and 4. In the inaugural year (2017) 4 initial awards were made to Drs. David Giri, Kelvin Lee, William Radasky, and Fred Tesche. In 2018 two additional awards were presented to Dr. Mat Bäckström and Bill Prather. The list below will be updated as additional persons are honored.

Name	Date of Election	Citation
George H. Baker	2022	<i>For contributions to EMP generation and hardening technology, for the development of standards and specifications, for the management of R&D programs and for his work with the U.S. National Security Council relating to the Executive Order on EMP</i>
Paul R. Barnes	2022	<i>For contributions to EMP analysis and the development of the test and protection methods for commercial power systems</i>
William R. Graham	2022	<i>For contributions to the development of hardening engineering, test and evaluation and for chairing the U.S. Congressional EMP Commission</i>
Richard Hoad	2022	<i>For contributions to the understanding of EMP and HPEM effects and for the development of detection and protection concepts</i>
Michel Ianoz	2022	<i>For contributions to EMP and lightning coupling techniques</i>
Manuel W. Wik	2022	<i>For contributions to the standardization of EMP environments and hardening procedures for non-military installations, for work with the International Electrotechnical Commission (IEC), and for management of the Swedish EMP program</i>
Jean P. Parmantier	2019	<i>For pioneering application of electromagnetic topology with the CRIPTE code for the calculation of electromagnetic response of complex systems</i>
Dominique J. Serafin	2019	<i>For playing a leading role in developing theoretical and experimental programs in France and for contributions to interaction analysis and system testing</i>
Sergey Tkachenko	2019	<i>For theoretical investigations of high-frequency electromagnetic field coupling to transmission lines in different environments</i>
Yan-zhao Xie	2019	<i>For contributions to EMP interaction, modeling and measurement</i>
Mats Bäckström	August 30, 2018	<i>For contributions to the development of HPEM test techniques and facilities</i>
David V. Giri	July 26, 2017	<i>For major contributions to EMP and HPM and for ensuring the legacy of Carl E. Baum</i>
Kelvin S. H. Lee	July 26, 2017	<i>For seminal contributions to EMP</i>
William D. Prather	August 30, 2018	<i>For contributions to EMP and HPM testing and hardening</i>
William A. Radasky	July 26, 2017	<i>For contributions to understanding EMP generation and computation</i>
Frederick M. Tesche	July 26, 2017	<i>For contributions to electromagnetic topology and EMC</i>