

Integrated Power Conversion and Power Management



The 7th International Workshop on Power-Supply-Chip (PwrSoC), co-sponsored by the Power Sources Manufacturers Association (PSMA) and IEEE Power Electronics Society (PELS), will be held at the Singh Center for Nanotechnology of University of Pennsylvania in Philadelphia from **October 24-27, 2021, in a Hybrid format.**

The Workshop is the leading international forum for the discussion of the challenges and opportunities in technology, business, and supply chain, intent on advancing the miniaturization and integration of power conversion and power management solutions. The Workshop features presentation and dialog sessions of advanced technologies with global academic and industry experts aimed at miniaturizing power management solutions through system architecture, circuits and topology, packaging, and passive components. The value of workshop has always been recognized as an event that brings together global academic and industry experts to advance and commercialize power supply on chip technologies. The Power Sources Manufacturers Association (PSMA) and IEEE Power Electronics Society (IEEE PEELS) are joint sponsors for the Workshop.

Attendees will hear world-leading experts discuss far-reaching goals and achievements in a wide range of applications from powering high-performance processors to automotive and bio-medical systems. Interactive discussions at the workshop will bring detailed perspectives on the technological and business challenges and opportunities that can impact attendees' future business in this emerging space.

Sessions

- Plenary Session
- Systems & Applications
- Topologies and Control
- Wide-Bandgap Integration
- Integrated Magnetics
- Integrated Capacitive & Energy Storage
- System Integration, Packaging and Manufacturing
- Granular Power

Conference Site and Special Tour

After Europe (Cork, Ireland in 2008 and 2010 and Madrid, Spain in 2016), U.S. (San Francisco 2012 and Boston 2014), and Asian (Hsinchu, Taiwan), PwrSoC will come back to the U.S. at the University of Pennsylvania, located in the historic technology center of the east coast – Philadelphia, where ISSCC was born.

In addition to a comprehensive technical program, this workshop will feature a tour of facilities highlighting PwrSoC applications.

Poster Abstract : September 1st, 2021

Early Registration: July, 2021