

International Power Supply-on-Chip (PwrSoC) Workshop in Hsinchu, Taiwan, Oct. 17-19, 2018: Registration Now Open

Uniquely spotlights technology and manufacturing advancement of miniaturization and integration of power conversion and power management solutions.



Hsinchu, Taiwan —July 25, 2018—Registration is now open for the 6th international workshop, Power Supply-on-Chip ([PwrSoC18](#)). The workshop, being held at the National Chiao Tung University (NCTU) in Hsinchu, Taiwan, October 17-19, 2018. The workshop organizers, speakers, and attendees include global academic and industry experts who are focused on miniaturizing power management circuits and passive components— initially in package, (power supply in a package – PSiP) but ultimately on-chip, (power supply on chip – PwrSoC). Program participants are a 50/50 balance of industry and academia representatives from all major global regions. The Power Sources Manufacturers Association ([PSMA](#)) and IEEE Power Electronics Society ([IEEE PELS](#)) are joint sponsors the workshop.

Highlight topics are:

- 1) Manufacturing, given that Hsinchu, Taiwan, is one of the world's chief manufacturing centers
- 2) Low-voltage, wide bandgap (WBG) devices for integrated power management

Professor Cian Ó Mathúna of Tyndall National Institute, the originator of the PwrSoC workshops in 2008 and PwrSoC18's General Co-chair, commented on this year's venue: "Our endeavour is global. We are excited to invite our Asian colleagues and friends in Hsinchu, a key manufacturing location, to join our workshop participants from around the world to hold this most important dialogue. Manufacturing as well as technology development are cornerstones to realizing our vision of enabling a supply-chain to deliver fully integrated PwrSoC to the commercial marketplace."

Professor Hanh-Phuc Le from University of Colorado, Technical Program Chair, pointed out: "Attendees' knowledge will be enriched by learning about advancements in converter topologies, passive component technologies, wide-bandgap devices and circuits and new concepts for integration and manufacturing. World-leading experts will discuss far-reaching goals and achievements in a wide range of applications, from powering high-performance processors to automotive and bio-medical systems."

Registration is Open

In addition to the workshop, a closing tour includes three memorable segments: Hsinchu Science Park, TSMC's Museum of Innovation, and a presentation, "TSMC Company Profile & Power Technology." (Early registration is encouraged since tour attendance is limited.) To register, go to: <http://pwrsocevents.com/registration/>

Partnership Opportunities

Two types of company sponsorships are available: Gold level includes company visibility through banner and logo displays shown in workshop events, the technical program and in website and announcement emails. Platinum level provides your company with an exhibit table for the duration of the workshop, two free registrations to all events – plus the Gold-level banner and logo display opportunities. Sign-up at: <http://pwrsocevents.com/registration/>

About IEEE PELS

The [Power Electronics Society \(PELS\)](#) is one of the technical societies of the Institute of Electrical and Electronics Engineers (IEEE). For over 20 years, PELS has facilitated and guided the development and innovation in power electronics technology. This technology encompasses the effective use of electronic components, the application of circuit theory and design techniques, and the development of analytical tools toward efficient conversion, control and condition of electric power.

About PSMA

The [Power Sources Manufacturers Association](#) is a non-profit professional organization with the objective of enhancing the stature and reputation of its members and their products, and improvement of their technological power sources knowledge. Its aim is to educate the entire electronics industry, academia, government, and industry agencies as to the applications and importance of all types of power sources and conversion devices.

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