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CS MANTECH 2026 Celebrates Four Decades, Features Special Sessions On GaN

Conference registration and exhibitor booth purchases are now open for the [2026 International Conference on Compound Semiconductor Manufacturing Technology \(CS MANTECH\)](#) which will be held May 18–21, 2026 at the Portland Marriott Downtown Waterfront in Portland, Oregon. Now in its 40th year, the conference continues to lead the compound semiconductor industry through world-class exhibits, robust networking opportunities and engagement among industry, academic, and government professionals.



As conference chair Jansen Uyeda, comments in his message in the program, “Portland, the ‘City of Roses,’ has been our host city for two previous conferences, including our second conference in 1987. Therefore, it is fitting that we have returned to this iconic city to celebrate 40 years of CS MANTECH!”

Recalling the event’s history, Uyeda says, “Like Portland, CS MANTECH is a pioneer that started with humble beginnings. Our first conference, called GaAs MANTECH, launched in October 1986 in Grenelefe, Florida, as an adjunct to the GaAs IC Symposium with He Bong Kim leading as the founder and the first conference chair. It was established to address a gap in the industry for a forum to discuss topics on the manufacture of GaAs devices.”

From those early days of discussing gallium arsenide semiconductors, the conference has grown to address technologies based on a wide range of compound semiconductor materials.

“In the 40 years since its inception, CS MANTECH has broadened its scope beyond GaAs technologies, growing to become internationally recognized as the premier technical conference for compound semiconductor manufacturing,” says Uyeda. “We have been steadfast in maintaining the core objective set forth from the first conference by He Bong Kim and Jim DiLorenzo (first technical program chair) in our mission to 1) Bring together professionals from industry, academia, and government organizations, and 2) Provide a forum to exchange and discuss new ideas that propel our industry forward.”

CS MANTECH now offers an extensive conference program with some special features for 2026 as the chair explains.

“This year’s conference features plenary and technical presentations, industry exhibits, workshops, a special session topic on GaN foundries and labs, and integral to CS MANTECH, the invaluable networking opportunities. You will be treated to over 80 presentations from invited and contributed talks covering CS processing & yield improvement, materials, test, reliability, and CS devices for RF, power, optoelectronics, photonics, and artificial intelligence,” says Uyeda.

For those readers of this publication specifically interested in power devices the sessions on GaN foundries and labs will likely be of interest. So too, the sessions on GaN materials and devices, power conversion and advanced packaging will make CS MANTECH relevant to those interested in advances in power semiconductors.

(For some further perspective on the types of power-related talks presented at CS MANTECH, see the How2Power report on last year’s conference, [“CS MANTECH Peers Into The Future Of Power Semiconductors”](#).)

Those new to CS MANTECH will have a special opportunity to learn about the conference’s extensive history at this year’s event, as Uyeda explains.

“To celebrate our 40th anniversary, we will have retrospectives honoring the legacy of CS MANTECH and its role in shaping our industry as well as a look forward to the exciting future ahead in CS technology and applications.”

For more information about CS MANTECH 2026, see the conference [website](#) where you can access a [preliminary program](#) and see the lineup of plenary [speakers](#). (Tamara Baksht of VisIC and Victor Veliadis of PowerAmerica are two notables among the speakers involved with power semiconductors.) Also check out the current lineup of [exhibitors](#). If you have any questions about CS MANTECH 2026, you’ll find a list of email contacts [here](#).