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FOR IMMEDIATE USE: Before September 13

Avantor® Advanced Technologies and Electronics Materials Expert to Speak at Industry Forum During SEMICON Taiwan 2017

Avantor's Dr. Austin Chen joins other semiconductor industry colleagues to discuss challenges facing the global semiconductor materials ecosystem

Center Valley, PA (USA) – August 28, 2017 – [Avantor®](#) advanced technologies and electronics materials expert, [Dr. Austin Chen](#), will participate in a key panel discussion on [semiconductor manufacturing](#) at [SEMICON Taiwan](#) Wednesday, September 13, 2017, in Taipei.

Chen, the managing director of Avantor's electronics materials business in Asia, will join a forum discussion on the theme "[Race to Advanced Semiconductor Solutions Through an Integrated Materials Ecosystem.](#)" The forum is led by Ming-Te Chen, deputy director of TSMC and chairperson of the SEMI Taiwan Materials Committee.

According to the SEMICON conference organizers, materials play an increasingly important role in driving advances in semiconductor manufacturing technology. In this forum, speakers from around the world involved in the semiconductor materials value chain will share insights on the latest technologies, products, markets and business management approaches.

"At Avantor, we believe semiconductor material users and suppliers need to work closely together to overcome many current and emerging challenges, including new material innovation, process cost effectiveness, performance control and quality management," said Dr. Chen.

Avantor offers a portfolio of production-proven advanced materials, including customizable chemistry platforms to help semiconductor manufacturers meet process improvement goals faster, enhance product quality and lower ramp time to the next node.

Avantor's [J.T.Baker®](#) brand of advanced proprietary surface treatment materials are known worldwide for application-specific consistency in FEOL through BEOL applications, and are engineered for current and emerging technology nodes.

The company's [NuSil™](#) brand of high-purity silicone polymers for the electronics industry includes thermally and electrically conductive silicones for thermal interface materials and EMI

and RFI shielding applications, as well as adhesives for electronic component assembly designed to increase production throughput without sacrificing performance.

In addition, Avantor has significant semiconductor research and development capabilities. The company's [Taiwan Technology Center](#) in Chubei City is a state-of-the-art "virtual fab" that enables real-time process simulation, testing and analysis on behalf of customers, performs process of record (POR) development, and supports Avantor's global electronics materials technologies development.

"For nearly 40 years, Avantor has partnered with global electronics manufacturers to provide innovative products and facilitate breakthrough performance," Dr. Chen said. "Customers choose to collaborate with Avantor because of our proven record of product innovation, our broad portfolio of trusted J.T.Baker® high-quality chemistries, and our world-class application centers and technical experts.

For information about Avantor visit: www.AvantorInc.com or twitter.com/avantor_news or www.facebook.com/AvantorInc.

About Avantor

Avantor is a global supplier of ultra-high-purity materials for life sciences and advanced technology customers. The company provides performance materials and solutions for the production and research needs of approximately 7,900 customers across the biotechnology, pharmaceutical, medical device, diagnostics, aerospace & defense, and semiconductor industries.

Avantor's product portfolio includes more than 30,000 products that meet increasingly stringent standards across technology driven and highly regulated markets. Avantor manufactures and markets its products around the world under several respected brand names. Avantor's brands of performance chemistries include the J.T.Baker®, Macron Fine Chemicals™, Rankem™, BeneSphera™, Puritan Products™, and POCH™ brands. Avantor's brands of advanced silicones include the NuSil™ and CareSil brands. For more information visit www.AvantorInc.com.

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