



January Member Achievements, New Hires and Grand Openings – February 1, 2024

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Feb 01, 2024 · By Avery Gerber · [adeia](#), [Amkor Technology](#), [Cimetrix](#), [EV Group](#), [Henkel](#), [Indium Corporation](#), [NHanced Semiconductors](#), [Plasma-Therm](#), [SarasMicro](#), [SEMI](#), [Siemens EDA](#), [SurplusGLOBAL](#)

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January Highlights

Community Member News

Achievements, New Hires, Technology and More...

Members of the 3D InCites community hit the year running by celebrating milestones, new hires, promotions, and grand openings. Here are some highlights that caught our attention.

Amkor Technology, Inc. hosted DesignCon2024 at the Santa Clara Convention Center in Santa Clara, CA. Among the speakers was Amkor's Ruben Fuentes, VP of the R&D Design Center, alongside panelists Brandon Lewis (moderator), Chander Ravva, Joe Socha, and Tariq Abou-Jeyab for the insightful discussion on the "Specialize or generalize SI/PI tasks? Is it practical to shift left SI/PI analysis?" panel.

Plasma-Therm celebrates its 50th anniversary. For the last 50 years, a dedicated team has been the driving force behind its success. The company prides itself on pushing boundaries, innovating, and helping to enhance the human experience.

PDF Solutions was showcased in the latest Volta Foundation's Battery Report. The software developed by PDF Solutions for process control and manufacturing analytics, aimed at improving yield, is acknowledged as a pivotal component in efficient QA/QC solutions for battery manufacturing. This recognition underscores its substantial role in reducing scrap and enhancing overall yield. According to the report, battery manufacturers typically encounter a 20% scrap rate on average, emphasizing the significance of our contribution to minimizing waste and optimizing processes.

Henkel achieved the platinum recognition level from EcoVadis placing them in the top 1% of companies assessed for its commitment to sustainability efforts. Henkel also introduces paid gender-neutral parental leave for employees worldwide.

Technology Updates

EV Group closed a deal with MEMS probe card manufacturer, PROTEC for its LITHOSCALE system. The tool will be installed at PMT's headquarters in Asan-si, Chungcheongnam-Do, South Korea, where it will be used in the production of next-generation MEMS-based probe cards for wafer-level testing of advanced NAND, DRAM, and High Bandwidth Memory (HBM) devices.

Siemens Digital Industries Software unveiled an innovative method for sharing precise thermal models of integrated circuit (IC) packages within the electronics supply chain. This approach aims to safeguard intellectual property, improve supply chain collaboration, and enhance the accuracy of models for steady-state and transient thermal analysis, thereby boosting design studies. The Embeddable Boundary Condition Independent Reduced Order Model (BCI-ROM) technology, part of Siemens' Xcelerator portfolio, helps semiconductor companies to generate accurate models that can be shared with clients for downstream high-fidelity 3D thermal analysis without revealing the IC's internal physical structure.

People on the Move

Adeia appointed Joseph Guiliano as its new Chief IP Officer on January 4, 2024. With a career spanning three decades, Guiliano has successfully managed various IP legal matters, including patent prosecution, IP transactions, and litigation related to patent infringement and trade secret misappropriation. Throughout his career, he has assisted clients in navigating complex issues in diverse technical disciplines such as medical devices, cellular telephony, semiconductor processing, and linear and streaming media services.

Indium Corporation recently elevated two members of its industry-leading quality management team. Marlene Natale has been promoted to the role of Senior Manager, Corporate Quality, while Cliff Talbot has assumed the position of Senior Quality Engineering Technician.

The SEMI Foundation hosted the first Women in Semiconductors reception at the SEMI Industry Strategy Symposium (ISS). **SEMI** also hosted a virtual webinar on the U.S Environmental Protection Agency's recent actions on PFAS and the effects on the Semiconductor manufacturing industry.

Grand Openings and Expansions

Saras Micro Devices is relocating its headquarters from Atlanta, Georgia to Chandler, Arizona. The company celebrated with a grand opening of its new headquarters and state-of-the-art manufacturing facility in Chandler. The move is part of Saras' longer-term strategy to support growth in the high-performance computing (HPC) artificial intelligence (AI)/machine learning (ML) sectors and capitalize on the rapidly expanding semiconductor ecosystem in the region. Saras' Research & Development Center will remain in Atlanta.

NHanced Semiconductors president Robert Patti was joined by U.S. Senator Todd Young (R-IN); Andrea Richter-Garry, senior VP of the Indiana Economic Development Corporation (IEDC), representing Indiana Governor Eric Holcomb; and Dr. Kyle Werner, NSWC Crane Deputy Technical Director, at the January 19th ribbon-cutting ceremony of NHanced Westgate, its multimillion-dollar advanced package assembly facility in Odon Indiana. This represents the latest phase of a major investment program by NHanced to establish a world-class semiconductor and microelectronics ecosystem in Indiana.

SurplusGLOBAL CEO Kim Jung-woong (Bruce KIM) is expanding the company's global network, with branches in China, the United States, Japan, Taiwan, and Singapore. The business, originally focused on distributing legacy equipment, now includes repurposing, manufacturing, and parts manufacturing and distribution. The global parts platform, offering repair, manufacturing, and services to semiconductor companies worldwide, is gaining popularity. SurplusGLOBAL plans to introduce a customized AI recommendation service by the end of the year and enhance e-commerce for a user-friendly experience on the 'Global Parts Platform: Marketplace.'

Amkor Technology Inc. launched its strategic partnership with GlobalFoundries in Europe at Amkor's Porto, Portugal facility on January 16, 2024. GF began relocating 50 tools from its Dresden site to Amkor in Porto in February 2023, and the first customer products have successfully undergone qualification on the newly installed GF tools. This collaboration marked a significant shift in semiconductor manufacturing, establishing the first all-encompassing EU supply chain that spans from semiconductor wafer production at GF to OSAT services at Amkor.

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