

# The ConFab<sup>®</sup>

Conference & Networking Event



MAY 14 - 17, 2019  
THE COSMOPOLITAN *of* LAS VEGAS  
[WWW.THECONFAB.COM](http://WWW.THECONFAB.COM)

## 2019 EVENT PROSPECTUS

The Premier Conference and Networking Event for the  
Semiconductor Manufacturing and Design Industry

Owned & Produced by:  
**Extension**  
M E D I A

Presented by:  
**SolidState**  
TECHNOLOGY.

**Semi** MD

**Chip Design**  
Tools, Technology & Methodologies

# EVENT OVERVIEW

## ARTIFICIAL INTELLIGENCE: NEW CHALLENGES AND OPPORTUNITIES FOR THE SEMICONDUCTOR INDUSTRY

The ConFab — an executive invitation-only conference now in its 15th year — brings together influential decision-makers from all parts of the semiconductor supply chain for three days of thought-provoking Keynotes, business sessions and panel discussions, networking receptions and select, pre-arranged breakout business meetings.

*An excellent opportunity to hear about progress in A.I. adoption and its implications for the semiconductor industry's economics and technology roadmap.*

— Co-Founder, Silicon Catalyst

*The ConFab 2018 was a great conference overall, with industry leaders and influencers presenting on extremely relevant topics.*

— Process Development Engineer, Micron Technology

In the 2019 program, we will take a close look at the new applications driving the industry, highlighting artificial intelligence as well as the technology required to meet new demands, and the kind of strategic collaboration that is necessary. It is this combination of business, technology and social interactions that make the conference so valuable and unique.

Major trends that will each have a huge impact in the near future:

- The semiconductor industry is in a new era of growth, driven by a diverse array of applications and new computing architectures. Much of the growth will come from the need for better connectivity and more intelligent data analysis using artificial intelligence.
- AI represents a market opportunity \$2 trillion of on top of the existing \$1.5-2B information technology industry (according to IBM's John E. Kelly).
- Making AI semiconductor engines will require a wildly innovative range of new materials, equipment, and design methodologies.
- In addition to AI chips from traditional IC companies such as Intel, IBM and Qualcomm, more than 45 start-ups are working to develop new AI chips, with VC investments of more than \$1.5B. Tech giants such as Google, Facebook, Microsoft, Amazon, Baidu and Alibaba are also developing AI chips.
- AI will be paired with new computational methods, such as neuromorphic methods that mimic how the brain works, and quantum computing.
- Faster communication with higher bandwidth will be required. 5G wireless communication is coming, as is improved WiFi, near-field communication, Bluetooth and satellite communication.
- Huge opportunities exist in automotive electronics, as autonomous driving moves closer to reality. Again, AI will play a critical role.
- Virtual reality will be combined with AI to create a truly immersive experience that mankind has never experienced.
- Semiconductors and AI will play an increasingly important role in the healthcare industry, as diagnostic tools and patient monitoring.

*The ConFab 2018 was very useful in getting close to the actual decision makers in the semiconductor business. Rather than lining up at trade shows to try to meet the right person, it is much more focused and targeted to making business opportunities.*

— Director of Services, Products, Global Services, BISTel, Inc.

*Excellent content and cutting-edge presentations from a broad range of industry experts.*

— Vice President, Texas Operations, Qorvo

Since the beginning, the economics of semiconductor manufacturing has been a focal point of The ConFab. In 2019, we will include insights into emerging and rapidly growing new markets and what semiconductor device manufacturers need to know to successfully tap into those markets. The 2019 agenda will address economic factors, development challenges and shifts in

the semiconductor marketplace, with a spotlight on AI, quantum computing, silicon photonics, emerging memory, MEMS, 5G, IoT, automotive, healthcare and more.

With greater demands, heightened interest and involvement throughout the industry, The ConFab 2019 program will explore how businesses, people and technology must work together to meet the world's unstoppable demand for new electronics.



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# ATTENDEE PROFILE



*I felt the ConFab 2018 was very successful, and the Cosmopolitan of Las Vegas was an excellent venue for the Conference. The pace of the entire event was very conducive in generating networking opportunities throughout the whole industry supply chain. I found the speakers to be knowledgeable in their field of expertise and able to provide very good presentations allowing attendees to catch up on upcoming advanced technologies; while also identifying areas of rapid growth in the semiconductor industry.*

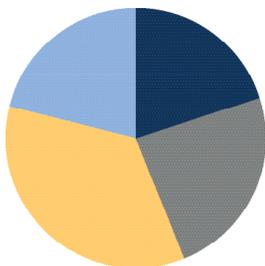
*I found all this information to be very insightful and beneficial to me and my business.*

— President & CEO, Siliconware USA

## PAST ATTENDEES INCLUDE:

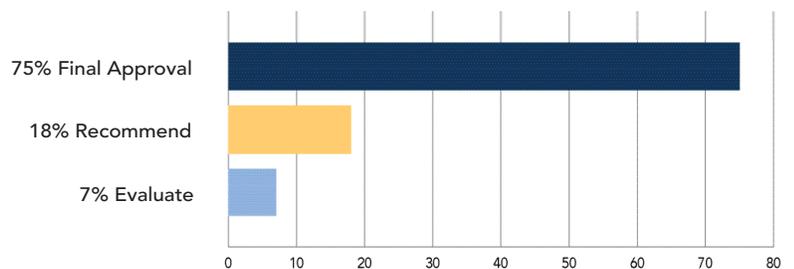
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|---------------------------------------|----------------------------|--------------------------------|------------------------------|
| A.M. Fitzgerald & Associates          | Entrepix                   | MDC Vacuum Products            | Silicon Catalyst             |
| Advantest                             | EV Group                   | Mentor Graphics                | Silicon Labs                 |
| Algorithmic Intuition                 | Fairchild Semiconductor    | Microchip                      | SK Hynix                     |
| AMD                                   | Freescale                  | Micron                         | Sky Water Technology Foundry |
| Amkor                                 | G450C                      | Microtronic                    | Skyworks                     |
| Applied Materials                     | GALAXYWIND                 | MSR-FSR                        | SMIC                         |
| ASE Group                             | GE Digital                 | NextFlex                       | Spansion                     |
| ASML                                  | Glint Photonics            | Novati                         | SPIL                         |
| Astronics                             | GLOBALFOUNDRIES            | NVIDIA                         | SPTS                         |
| Atmel                                 | HERE Technologies          | NXP                            | STATS ChipPAC                |
| Banner Industries                     | Hewlett Packard            | NY Loves Nanotech              | STMicroelectronics           |
| BISTel                                | Hitech Semiconductor       | ON Semiconductor               | SUSS MicroTec                |
| Brewer Science                        | Huatao Technology/FlipChip | Pall Corporation               | Swagelok                     |
| Broadcom                              | IBM                        | Philips Lumileds               | TDK                          |
| Cascade Microtech                     | IC Insights                | Qorvo                          | Texas Instruments            |
| CEA-Leti                              | Ihara Science              | Qualcomm                       | Toppan Photomasks            |
| China Wuxi Industry Development Group | imec                       | Rambus                         | Toshiba                      |
| Cisco Systems                         | Infineon                   | RAVE                           | Total Facility Solutions     |
| COMET                                 | Intel                      | Renasas                        | TSI Semiconductors           |
| Conexant                              | Invensas                   | Revasum                        | TSMC                         |
| Connect Micro                         | KLA-Tencor                 | Rockwell Automation            | Ulvac                        |
| Cree                                  | Lam Research               | Rudolph                        | UMC                          |
| Cypress Semiconductor                 | Linde                      | Samsung                        | Valqua                       |
| Diodes, Inc.                          | Lumentum                   | SanDisk                        | Veeco                        |
| DNS/Screen                            | M+W Group                  | SCREEN Semiconductor Solutions | Western Digital              |
| Dow Electric                          | Macronix                   | Seagate                        | Wisdom IC                    |
| Edwards                               | MagnaChip                  | ShinEtsu MicroSi               | X-FAB                        |
| Entegris                              | Marvell Semiconductor      | Siemens                        | Xilinx                       |
|                                       | Maxim                      |                                | Xycarb Ceramics              |
|                                       |                            |                                | ...and many more             |

### TITLE

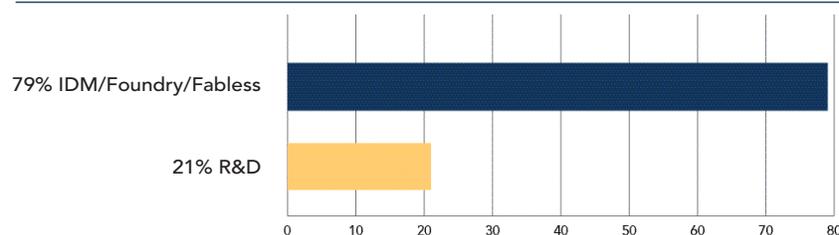


- C-Level 20%
- Vice President or above 24%
- Director or above 35%
- General Manager or above 21%

### PURCHASING ROLE



### AREA OF INVOLVEMENT



# WHY YOU SHOULD PARTICIPATE



## HIGH-CALIBER CONFERENCE PROGRAM

The conference program, chaired by Solid State Technology Editor-in-Chief, Pete Singer, offers a unique blend of market insights, technology forecasts and strategic assessments of the challenges and opportunities facing the semiconductor manufacturing and design industry.

## CONNECT WITH THE RIGHT PEOPLE

The ConFab brings together the most important spenders in the world. VIP attendees from Intel, Samsung, TSMC, SK Hynix, Micron, UMC, SMIC, GLOBALFOUNDRIES, Infineon, NXP, and others. These companies represent the top purchasing power in the \$100 billion plus equipment and materials market.

## NETWORK WITH THE BEST

The ConFab is the ONLY conference dedicated to connecting suppliers with key executives at semiconductor manufacturing, fabless and OSAT companies.

## ENGAGE IN STRATEGIC BUSINESS MEETINGS WITH PRE-QUALIFIED BUYERS

Suppliers create crucial alliances for the future during private, pre-scheduled boardroom meetings with qualified purchasing decision makers and influencers. These meetings offer an efficient and highly effective approach to conducting face-to-face business in a global industry.

*The ConFab continues to bring the industry's leaders together to discuss the challenges and opportunities facing it today and tomorrow. Great content. Meaningful topics. Entertaining speakers.*

— Corporate Marketing, BISTel, Inc.

# PARTICIPATION OPTIONS

## TOTAL ACCESS ATTENDEE PASS - \$2,495

Each attendee pass includes access to:

- All conference keynotes, sessions and panel discussions
- Networking Cocktail Receptions (Tues – Thurs)
- Breakfasts, Lunches and Refreshment Breaks (Wed – Fri)
- The 2019 online conference proceedings

## SPONSORSHIP OPTIONS

Go to [www.theconfab.com/about/participate](http://www.theconfab.com/about/participate) for a list of Sponsorship Packages.

## ADDITIONAL OPTIONS

### DEDICATED EMAIL

Connect with executives prior to, or after, The ConFab  
- Send a dedicated email to the exclusive list of Semiconductor, Fabless and OSAT Executives (18,000)  
- \$200 CPM

### MAGAZINE ADVERTISING

Appear in the Solid State Technology magazine issue with bonus distribution and added to the welcome packets for all the attendees with special 8x pricing:

Full Page: \$4,900 net

Half-page: \$2,900 net

Quarter-page: \$1,573 net

## PRIVATE BUSINESS MEETINGS

Engage in strategic discussions with qualified purchasing decision makers and influencers from the world's leading fabs, IDMs, OEMs, OSATs and fabless/design companies. Included in select sponsorship options or quoted separately upon request.

Meetings include:

- Private hospitality suite during the event for your exclusive use
- Pre-scheduled, 45-minute long meetings
- Invite your qualified customers and prospects to attend as VIP guests
- Meeting room signage with your full-color company logo

*The ConFab 2018 covered a broad range of economic topics for the semiconductor industry, from geopolitical forces, to heterogeneous integration, to automotive trends, to big data in the fabs.*

— Dir. Process Technology & Foundry Mfg., Microchip



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