

SEMICON® EUROPA

CHIPS POWERING THE DATA AGE

POST SHOW REPORT



Co-located with



Key Visiting Companies

- Accenture
- Accretech
- Advantest Europe GmbH
- AEM - Afore Oy
- AEMtec GmbH
- Agilent
- Air Liquide
- Airbus
- Amazon Web Services
- Amcross GmbH
- AMEC
- Amkor Technology
- ams OSRAM
- Analog Devices
- AP&S International GmbH
- Apple
- Applied Materials
- ASE
- ASM
- ASML
- AT&S
- Athinia
- Atlas Copco
- Atotech
- AUDI
- Barcelona Semiconductors S.L.U.
- BASF
- Beneq Oy
- BESI
- BMW
- Bosch
- Boston Consulting Group
- Brewer Science
- Brooks
- Bruker
- Cadence
- Carl Zeiss
- Catalonia Trade and Investment
- CEA-Leti
- Centrotherm
- Chipmetrics Oy
- COHU
- Comet Yxlon
- Continental
- Daimler
- DAS Environmental Experts GmbH
- DB Schenker
- DEAXO GmbH
- DELO Industrial Adhesives
- DHL
- DISCO HI-TEC EUROPE GmbH
- Du Pont
- EBARA Precision Machinery Europe GmbH
- Edwards Vacuum
- Entegris
- Ericsson AB
- ERS Electronic GmbH
- EV Group (EVG)
- Evatec AG
- Fabmatics GmbH
- Fraunhofer-Gesellschaft
- FRT GmbH
- GlobalFoundries
- GlobalWafers
- Hitachi
- Honda Electronics Co., Ltd.
- Huawei
- IBM
- imec
- Inficon
- Infineon Technologies
- Intel
- IQM Quantum Computers
- JCET Group
- JSR Micro NV
- KLA
- LAB14 GmbH
- Lam Research
- LFoundry
- Max-Planck-Institut
- McLaren Applied
- Melexis
- Merck Electronics
- Microsoft
- Mitsubishi Chemical Advanced Materials
- MURATA
- Nexperia
- NIKON
- Novartis
- NXP Semiconductors
- Okmetic Oy
- onsemi
- ONSemiconductor
- Onto Innovation
- OSRAM GmbH
- Oxford Instruments
- Panasonic
- PEER Group
- Pfeiffer Vacuum
- Philips
- Porsche
- Qualcomm
- RECIF Technologies
- RENA Technologies
- Rolex SA
- Scanlab
- Schneider Electric
- SCHOTT
- SCREEN
- Siemens
- Soitec
- Sony
- SPTS Technologies - A KLA Company
- STMicroelectronics
- SÜSS MicroTec
- SUZUKI HIGH-TEK INC
- TDK Electronics
- Texas Instruments
- Thermo Fisher Scientific
- Tokyo Electron Europe Ltd. (TEL)
- TRUMPF Huettinger
- TRUMPF Photonics Components GmbH
- TRYMAX
- Umicore
- US Air Force
- US Army
- USHIO Germany GmbH
- Volkswagen
- Volvo Group
- VTT
- Watlow
- Würth Elektronik eiSos GmbH & Co. KG
- X-FAB Group
- YASKAWA Europe GmbH
- Yield Engineering Systems
- Yole Group

NOV 15 - 18, 2022

MUNICH, GERMANY

2022 Highlights

- **Executive Keynotes from:**
 - Airbus
 - Amkor
 - ams OSRAM
 - ASE
 - Athinia
 - Bosch
 - Edwards Vacuum
 - Henkel
 - IBM
 - imec
 - Infineon
 - Intel
 - JCET Group
 - Melexis
 - Government of India
 - Novartis
 - Porsche
 - Roland Berger
 - Samsung
 - SCREEN
 - TechInsights
 - Volkswagen
 - X-FAB Group
- **More than 175 Speakers, featured in 20 Programs** and technical sessions, including:
 - Opening Ceremony “Chips Powering the Data Age”
 - Advanced Packaging Conference (APC)
 - 26th Fab Management Forum (FMF)
 - ITF Beyond 5G – Powered by imec
 - Smart and Green Manufacturing
 - Smart Mobility
 - Smart MedTech
 - Materials Innovation
 - Future of Work
 - Future of Computing
- **21% of the presenters were female**
- **32 Sponsors**
- **95 Media Partners**
- **90+ Press onsite**

Attendance

- **Total Attendance (SEMICON and electronica) 70,000+**

Exhibition

- **Total Exhibiting Companies 219**
- **Net Exhibit Area (sqm) 6,153**

VISITOR PROFILE

SEMICON Europa attracts a highly influential audience from every segment and sector of the European microelectronics industries including materials, front-end and final manufacturing, and advanced packaging. Product application markets include semiconductor, MEMS, sensors, electronics, flexible & power electronics, IoT, automotive, MedTech, and more.

Influential Buyers

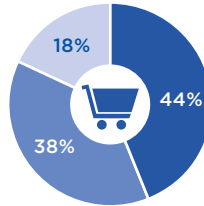
More than 90% of SEMICON Europa visitors are involved in purchasing decisions, influencing the selection and final purchase of micro-electronics manufacturing equipment, materials, software, and services.



More than 27% visitors represent engineering job functions.

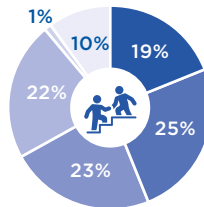


PURCHASING AUTHORITY



- 44% Final Decision Maker
- 38% Recommend/Evaluate/Consult
- 18% Other

JOB LEVELS



- 19% Executive Management
- 25% Senior Management
- 23% Other Management
- 22% Staff/Professional
- 1% Student
- 10% Other

Primary Job Functions

SEMICON Europa attracts multi-level buying teams, with broad representation across all levels, functions and industries.

| | |
|--|-----|
| • Fabrication and Process Engineering | 6% |
| • Equipment Engineering | 3% |
| • Manufacturing Engineering | 3% |
| • Engineering Other | 16% |
| • Marketing, Sales, Business Development | 31% |
| • Top Management | 7% |
| • R&D | 8% |
| • Manufacturing and Preproduction Product Management | 4% |
| • Corporate Management | 2% |
| • Purchasing/Procurement | 3% |
| • Academia | 2% |
| • Chemicals/Materials | 1% |
| • Test | <0% |
| • Logistics/Supply Chain Management | <0% |
| • Finance/Accounting | <0% |
| • Other | 11% |

Did you know?
ITF Beyond 5G - Powered by imec
was hosted at SEMICON Europa 2022.

Learn More

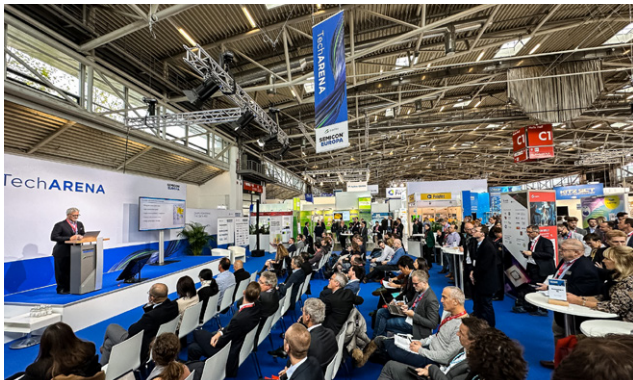


AREAS OF INTEREST

SEMICON Europa visitors are interested in a broad range of industries, technologies, and products from across the supply chain, from design to final manufacturing.

Segment/Application Interests

| | |
|---|-----|
| • Semiconductors | 74% |
| • MEMS & Sensors/Nanoelectronics | 37% |
| • Automotive Electronics | 24% |
| • Power Electronics | 21% |
| • LED/Solid State Lighting | 20% |
| • Smart Manufacturing | 18% |
| • Internet of Things (IoT) | 17% |
| • Photovoltaics (PV) | 16% |
| • Medical Electronics/MedTech Electronics | 15% |
| • Applications | 15% |
| • Wearables/Consumer Electronics | 15% |
| • Flexible Hybrid Electronics (FHE)/ Printed Electronics | 12% |
| • Displays | 10% |



Product/Technology Areas of Interest

MANUFACTURING

| | |
|---|-----|
| • Semiconductor Device Manufacturing (IDM, Foundry) | 53% |
| • Packaging, Assembly & Test Services | 27% |
| • Electronic Manufacturing Services (EMS) | 22% |
| • LED/MEMS/PV/Display Manufacturing | 20% |
| • Fabless Semiconductor Manufacturing | 18% |
| • Other Manufacturing | 12% |

EQUIPMENT

| | |
|---|-----|
| • Wafer Processing/Front-end | 51% |
| • Inspection & Measurement/Metrology | 33% |
| • Assembly & Packaging | 26% |
| • Test | 24% |
| • Factory Automation/Robotics | 20% |
| • Printing, Coating, Roll-to-Roll Equipment | 15% |
| • Secondary | 5% |
| • Other Equipment | 9% |

MATERIALS

| | |
|---|-----|
| • Photolithography/Deposition Materials | 26% |
| • Gases, Liquids, Chemicals, Solids | 21% |
| • Assembly & Packaging Materials | 21% |
| • Consumables (Test and Process) | 17% |
| • LED/MEMS/PV/Display Materials | 15% |
| • Wafer and Silicon Related Substrates | 11% |
| • Inks, Pastes & Printing | 8% |
| • Other Materials | 11% |

SUB-SYSTEMS/COMPONENTS/OTHER

| | |
|--|-----|
| • R&D/Technology Transfer | 30% |
| • Electronic Components & Instrumentation | 27% |
| • Manufacturing Services and Consulting (Directly related to mfg.) | 20% |
| • Sub-systems | 19% |
| • Outsourced Manufacturing | 10% |
| • General Business Services/Consulting | 9% |

Percentages based on total verified SEMICON Europa visitors

“ This year’s SEMICON Europa has been a great event for us as sponsor and exhibitor. Engaging discussions at our booth and an insightful expert panel at the FMF conference make us look forward to participating again next year! Thanks to SEMI Europe team for the excellent organization. ”

Alexander Kohnen, CEO time:matters GmbH



SEMICON EUROPA 2022 PHOTO GALLERY

Explore the event's photo album at flic.kr/s/aHBqjAgn2G or use the QR code.



**EXHIBIT
NOW**

**SAVE
THE
DATE**

**NOV
14-17 2023
MUNICH, GERMANY**

Co-located with



“ SEMI Europe again excelled in the organization of SEMICON Europa 2022 show with a broad-ranging series of relevant presentations and panel discussions. It was heartening to see crowds return to the event. TEL is proud to have been a Platinum Sponsor for this event. ”

*Kaushik Kumar, Technologist,
Tokyo Electron Europe Limited (TEL)*

“ Again, a fantastic event to meet, speak and listen to various industry representatives. We exchanged visions on the role of semiconductors changing our life and how our contributions make a difference. The path to next leading edge semiconductor technologies, combined with strong sustainability contributions created strong interests. ”

*Axel Fischer, VP,
Head of Samsung Foundry Europe*

