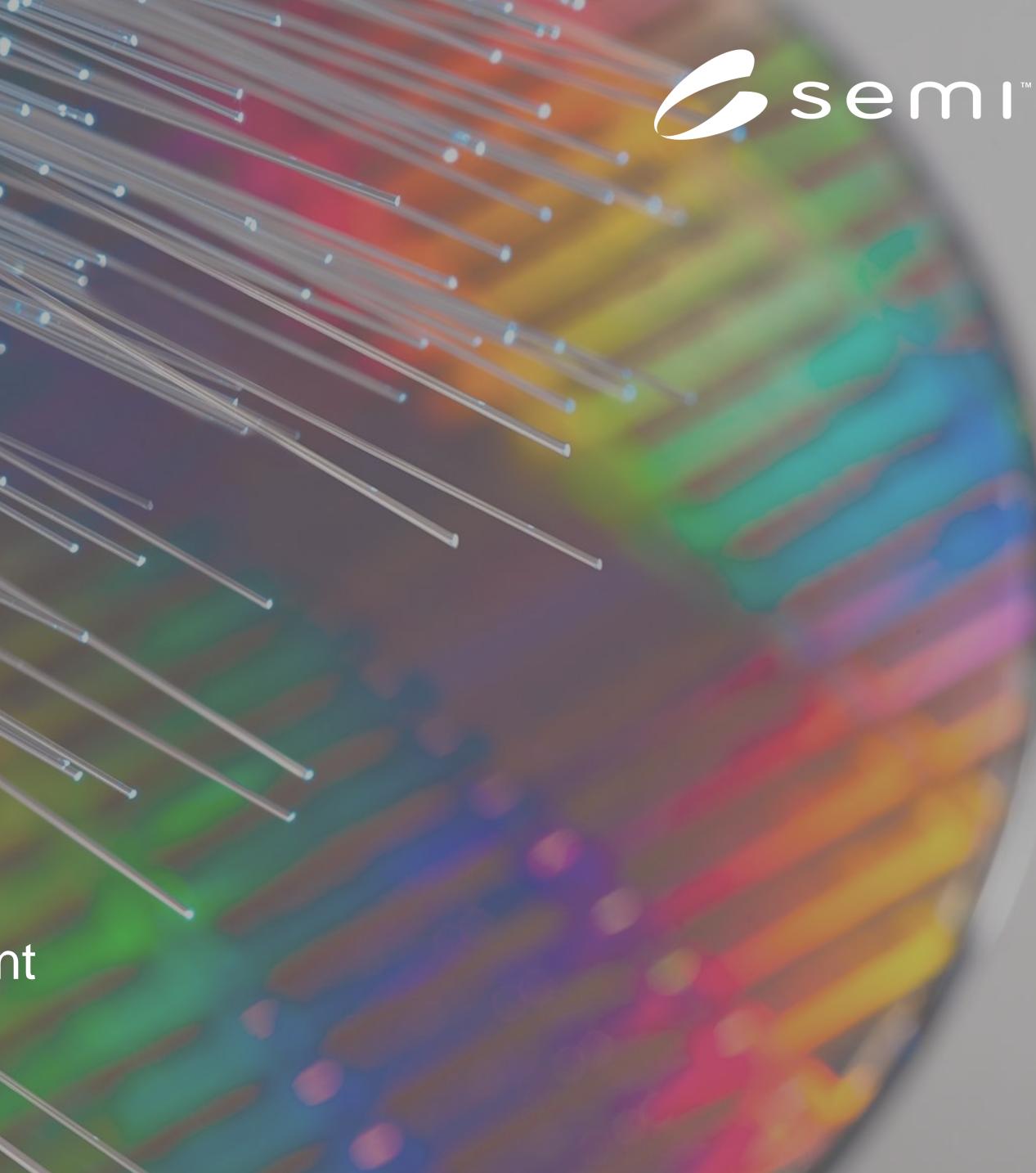
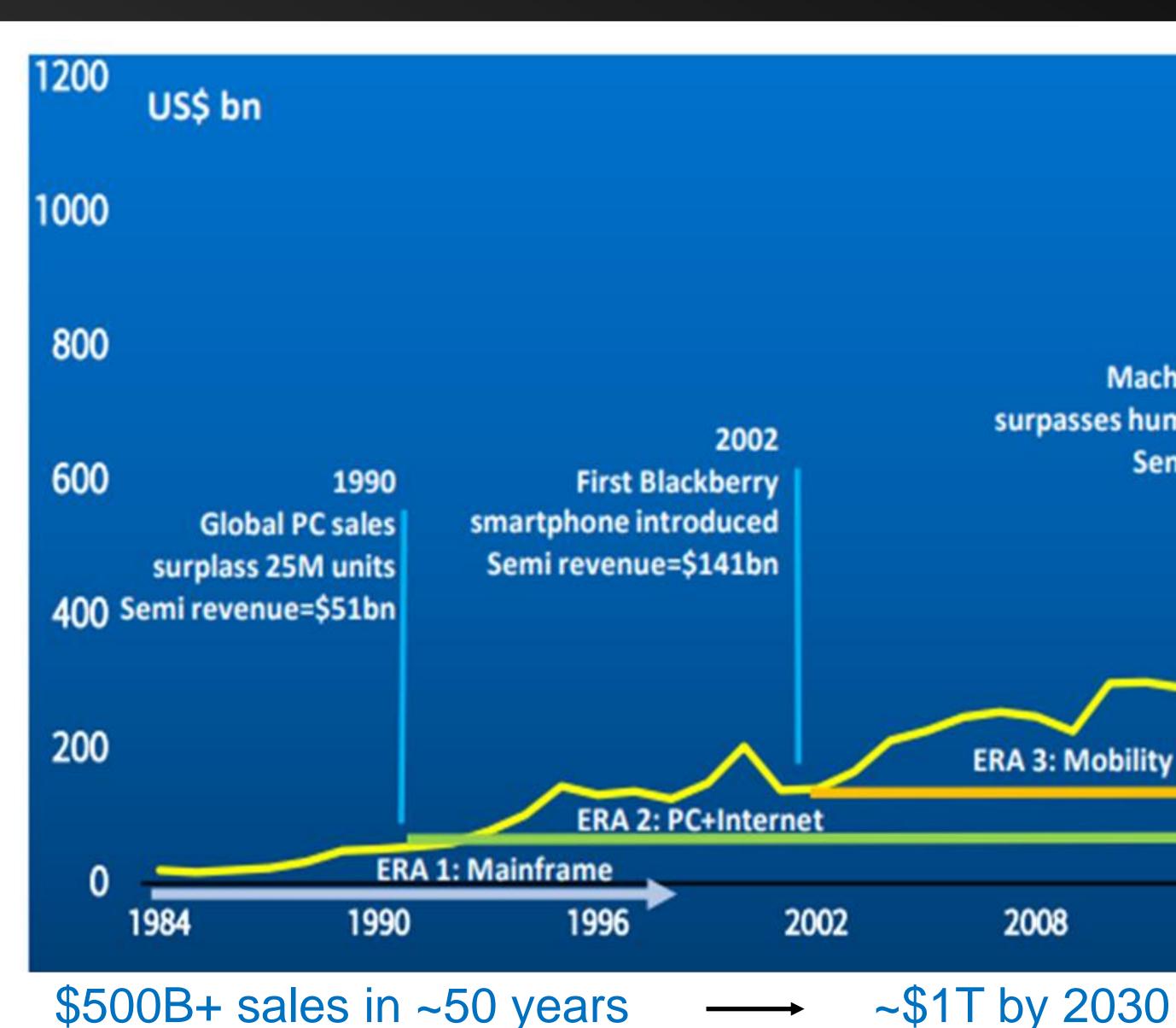
Stronger Together Photonics & Semi:

Serena Brischetto Director Marketing & Digital Engagement SEMI Europe





Digitization Driving Exponential Growth, \$1T by 2030



2020

2030 Semi forecast = \$1tn+

ERA 5: 6G+, Quantum & Neuromorphic, Autonomous Machines

2030E

ERA 4: AI, 5G, AR/VR, IoT, Autonomous, EVs...

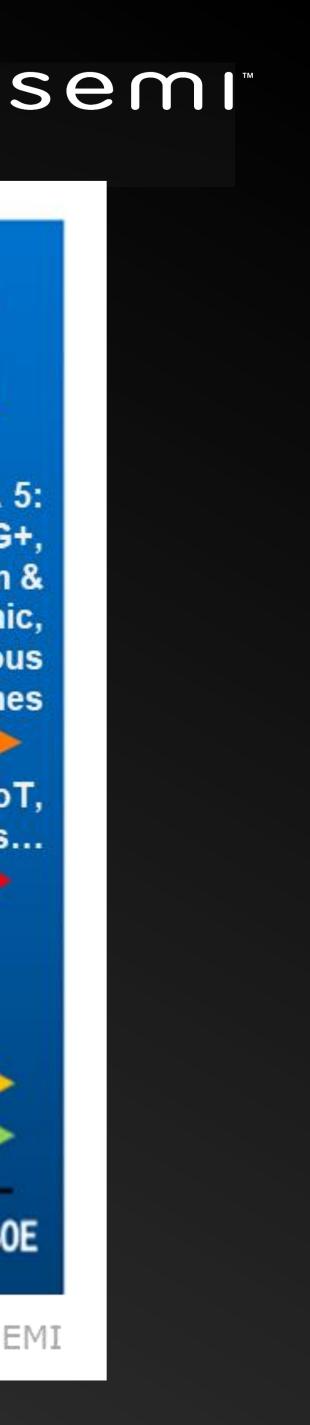
2018 Machine generated data surpasses human generated data Semi revenue=\$469bn

2014

ERA 3: Mobility

2008

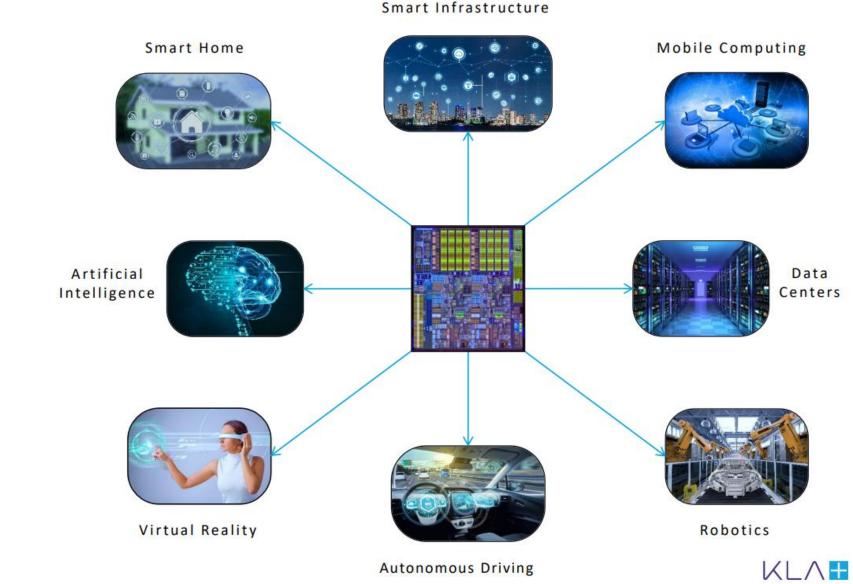
Sources: Bank of America, SEMI



Growth in Digitization = More Data More Bandwidth

Packaging is key

Semi





Demand for High Bandwidth & High Performance is growing exponentially

Low Power & Low Cost? Essential!



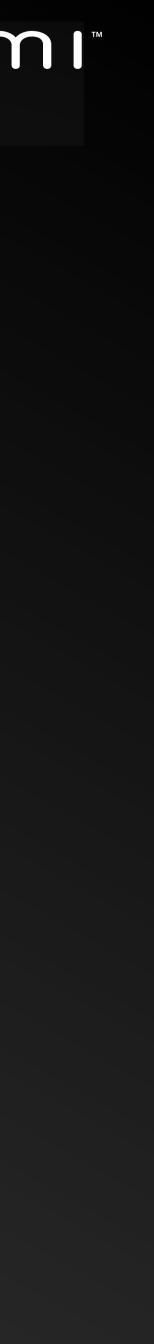




Photonics & Semiconductors Enabling the Advanced Packaging Roadmap



Microelectronics & Photonics Two Sides of One Coin





Two Sides of One Coin



It's happening!

Session 5: Photonics Integration



4:40 pm -4:45 pm



Ivan Nikitski Technology Manager EPIC

Join EPIC & SEMI!

Semi

Opening Remarks by Session Chair

Biography



SEMICON Europa Highlights







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- PODCAST STATION
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- SNACK BAR

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Thank You! Get in touch



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