

Software & Services for Photonic Design & Analysis

André Richter

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EPIC World Photonics Technology Summit 2019 in Berlin

Professional Simulation Software

Design Services & Technology Consulting

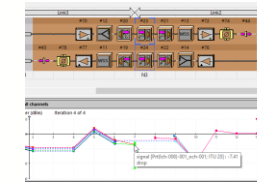
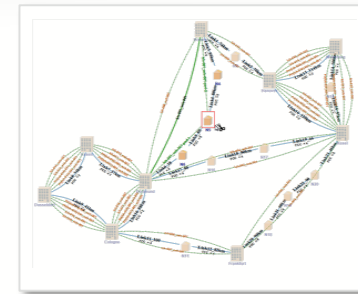
- 20+ years of worldwide experience; currently serving 100+ corporations, 140+ universities
- Operations out of Berlin, Boston, Minsk

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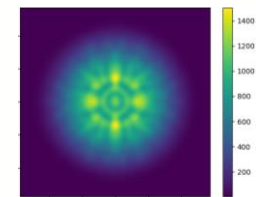
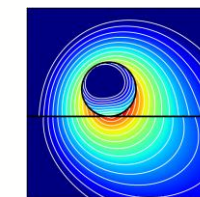
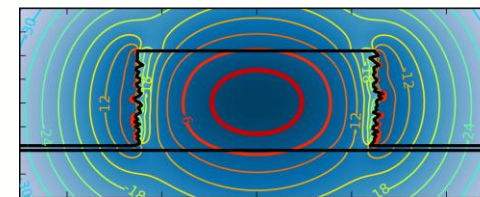
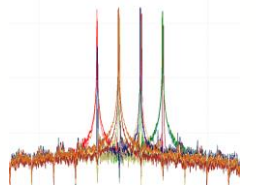
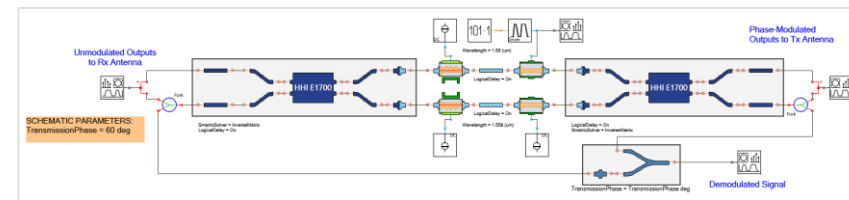
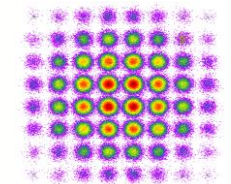
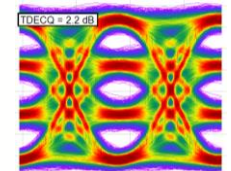
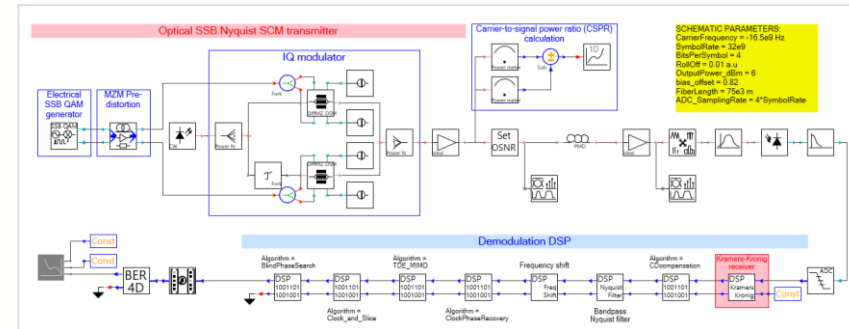
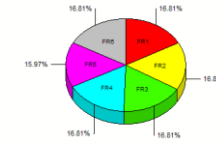
- ✓ Waveguides and fibers
- ✓ Integrated photonics and optoelectronics
- ✓ Fiber-based lasers and amplifiers
- ✓ Optical transmission systems and networks
- ✓ Link engineering, equipment configuration

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Breakdown of Fiber Cost by Facility Names



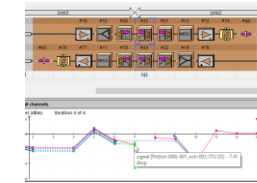
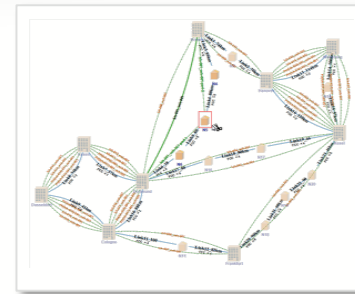
Professional Simulation Software

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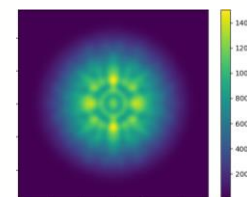
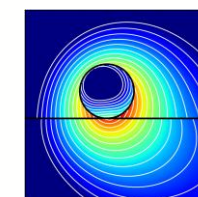
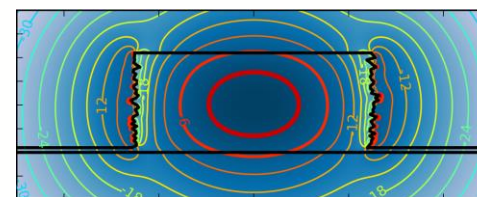
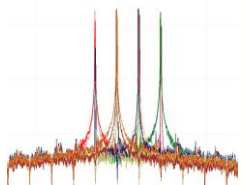
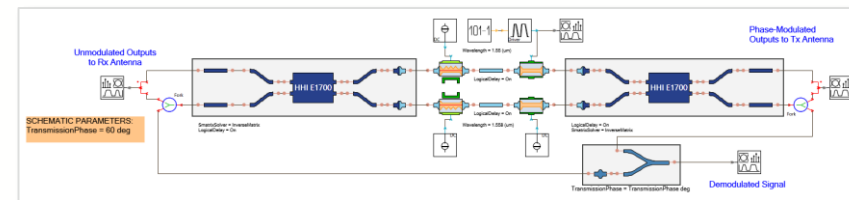
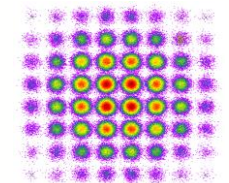
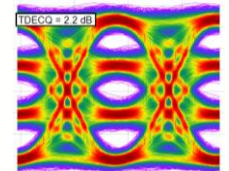
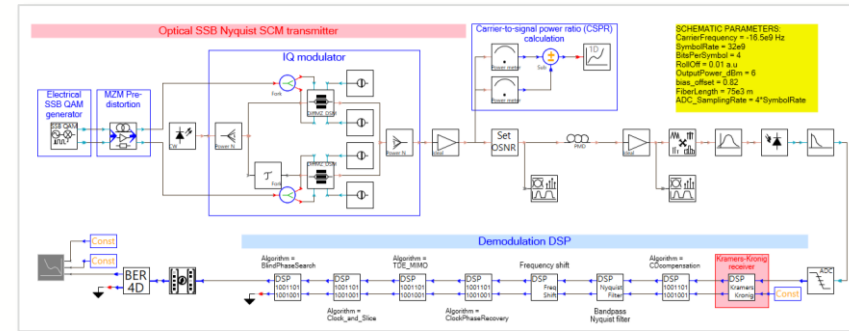
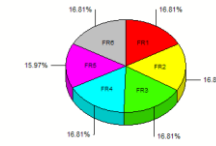
Design Services & Technology Consulting

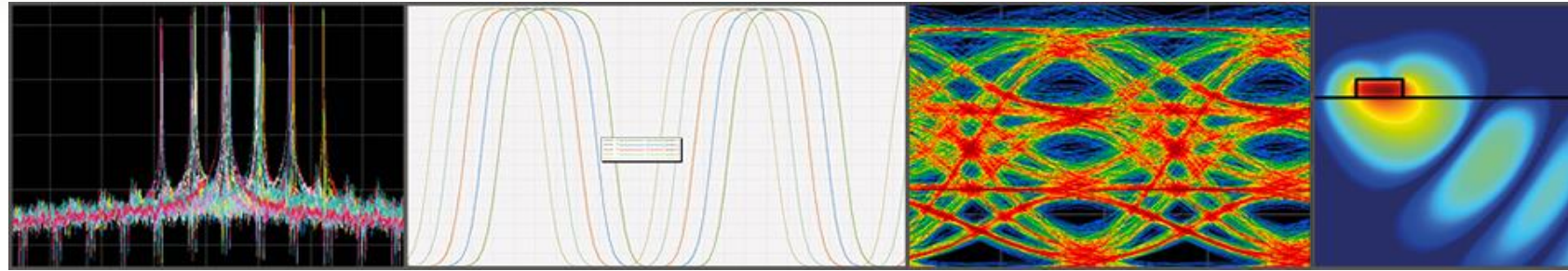
- ✓ Technology and application consulting for telecom, datacom, sensing and analytics
- ✓ Performance analysis and optimization of optical components and integrated solutions
- ✓ Forward-looking research projects

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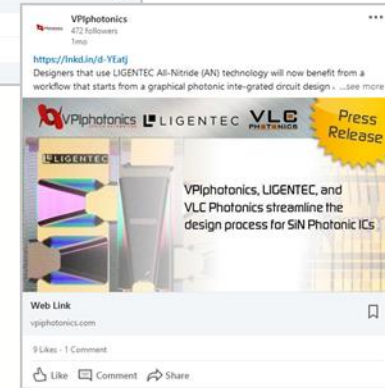
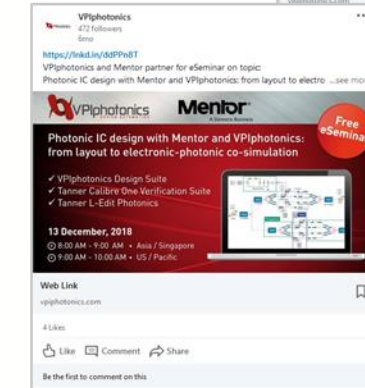




- EVM
- TPA
- MOPA
- SOA
- DSP
- PAM-4
- SDM
- PCE
- SER
- SDN
- OCT
- MMI
- MCF
- YDFL
- FFE/DFE
- VCSEL
- OPM
- FTTx
- OSP
- SHB
- EML
- EGN
- DML
- CMRR
- FSO
- DFB
- MLSE
- Lidar
- DmPSK
- MIMO
- ECL
- DAC
- M-QAM
- OEIC
- OFDM
- TDFA
- PON
- ADC
- RFoF
- PCE
- LVS
- MRR
- IP3
- DBR
- SiPh
- InP
- CPR
- PDK
- TDECQ
- ASPIC
- MPW
- PS
- DWDM
- MZI
- MQW
- AWG
- AWG

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