

Arbeitskreis Modellierung von Systemen und Parameterextraktion
Modeling of Systems and Parameter Extraction Working Group



12th International MOS-AK in Silicon Valley

SILVACO

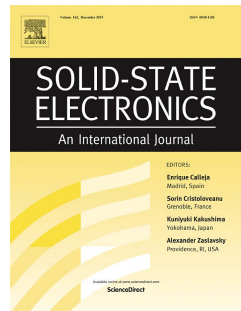
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Santa Clara Valley-San Francisco Chapter



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Over two decades of MOS-AK in brief

17 subsequent MOS-AK modeling workshops

3 consecutive TRACK4: Compact Modeling
at ESSDERC/ESSCIRC Conferences

27 international MOS-AK modeling workshops
in Europe, USA, India, China (planning Latin America)

16 special compact modeling sessions
at MIXDES Conference

50+ active sponsors and technical program promoters

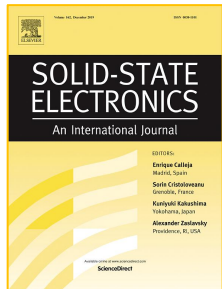
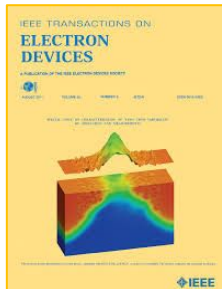
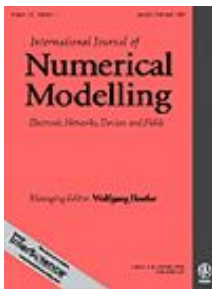
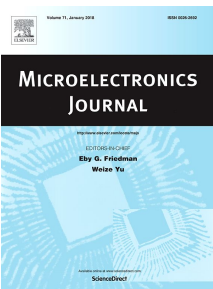
300+ MOS-AK technical CM papers and posters
(available on line www.mos-ak.org)

4 modeling MOS-AK modeling books

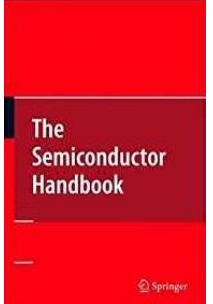
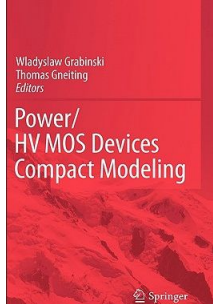
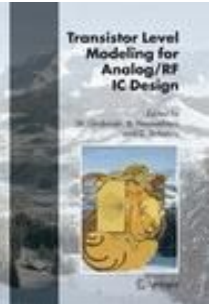
<http://www.mos-ak.org/books/>



MOS-AK Scientific Publications



Special Compact Modeling Issues



Compact/SPICE Modeling Books



TPC TRACK: Compact Modeling and Process/Device Simulation

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MOS-AK: 2019 Events

- ❑ 12th **MOS-AK** (IEDM / Q4 CMC timeframe)
Santa Clara (US), Dec. 11, 2019
- ❑ **MOS-AK** at LAEDC
San Jose (Costa Rica), February 25, 2020
- ❑ Spring **MOS-AK** Workshop with SBMOS and IEEE EDS MQ
THM Giessen (D), March 17-18, 2020
- ❑ FOSS TCAD/EDA at 5NANO2020
Kottayam (IN), April 22, 2020
- ❑ MIXDES CM Session with IEEE EDS MQ
Wroclaw (PL), June 25-27, 2020
- ❑ WCM at the Nanotech
Washington DC (USA), June 30, 2020
- ❑ 5th Sino **MOS-AK** Workshop
Xi'an (CN), July 8-10, 2020
- ❑ 18th **MOS-AK** at ESSDERC/ESSCIRC
Grenoble (F), Sept. 14-17, 2020
- ❑ 3rd **MOS-AK**/India Conference
Hyderabad (IN), Feb. 2021