

# Si2 Compact Model Coalition Highlights: 2020



- 2020 marks the 25<sup>th</sup> Anniversary of the CMC, and the 2020Q4 meeting is the 100<sup>th</sup> meeting since its inception
- 29 member companies globally
- CMC is currently holding all quarterly meetings virtually due to COVID-19

## Si2 CM Highlights: 2020 (continued)

- First releases of two new standards were completed
  - New ultra-thin body SOI standard model: L-UTSOI
  - New bipolar standard model: HICUM/L0
- VAMPyRE Verilog code checker software by Geoffrey Coram (Analog Devices) was released on July 25, 2020
  - Now accessible by all model developers around the world to enhance the Verilog code quality of all models worldwide
- The Open Model Interface (OMI) effort was a runner up to the Si2 2020 Partnership Award
- Updates to the following existing standard models:
  - BSIM4, BSIM-Bulk, BSIM-IMG, PSP, HICUM/L2, MVSG\_CMC, ASM-HEMT
- Active Work Groups
  - Model QA and Release, Verilog Recommended Practices, OMI (Open Model Interface), ESD, Random Telegraph Noise, GMIN/MINR