The 31st Magnetic Recording Conference
July 27-29 · Berkeley, CA, http://cml.me.berkeley.edu/TMRC2020

CALL FOR NOMINATIONS

The 31st Magnetic Recording Conference will be held on July 27-29, 2020 at the UC Berkeley Campus in Berkeley, California. The focus of TMRC 2020 is Solid State Magnetic Memory and Recording Technologies for >3 Tbits/in²

Approximately 36 invited papers of the highest quality will be presented orally at the conference and will later be published in the IEEE Transactions on Magnetics. Poster sessions will also be held following the oral sessions and will feature posters from the invited speakers and accepted contributed posters. Both invited and contributed papers are encouraged for publication.

Topics of interest include:

- Heat Assisted Magnetic Recording (HAMR System, Head/Media and HDI)
- Microwave-Assisted Magnetic Recording (MAMR)
- Alternative Magnetic Recording Technologies (SMR, TDMR, HIMR, Heated-dot, Tape, All Optical Switching)
- Advanced Magnetic Recording for > 3 Tbits/in² including Readers, Writers, Servo, Tribology, HDI, Signal Processing
- Spin Transfer Torque-Magnetic Random Access Memory (MTJ cell, MRAM chip manufacturing and roadmap)
- MRAM & Magnetic Logic – New Physics & Materials (MRAM architecture, VC-MRAM, SOT-MRAM, Ti & 2D materials)
- Fundamentals (Metrology, Tooling, Materials, Recording Physics)

By completing this online form, your nominations for invited speakers will be submitted to the Program Chairs, Dr. Seoghoon Woo, Dr. Luc Thomas, Dr. Kevin Heim and Dr. Kenichiro Yamada. The deadline to submit nominations is March 20.

TMRC 2020 is sponsored by the IEEE Magnetics Society and co-sponsored by the Data Storage Systems Center (CMU), the Center for Memory and Recording Research (UCSD), the Center for Micromagnetics & Information Technologies (Univ. of Minnesota), the Center for Materials for Information Technology (Univ. of Alabama), the Center for Magnetic Nanotechnology (Stanford), and the Computer Mechanics Laboratory (UC Berkeley).