



### For nine years straight . . .

. . . a diverse collection of industrial mixing experts, technicians, and researchers have flocked to historic Butte, Montana.

They come to take part in a world-class event dedicated to the discovery, practice, and application of ResonantAcoustic® Mixing (RAM) Technology.

Professionals from industries as diverse as energetics, nano-materials, and pharmaceuticals discover processing phenomena, and phenomenal results, using hands-on RAM machines at laboratory, pilot, and production scales, including continuous processing.

Please join 2019's attendees for the in-depth demonstrations, revealing presentations, and a dynamic poster session that makes this event a true *InterChange*.

### Technical InterChange 2019 Registration Information

#### Early Bird Registration 20% off before July 10, 2019

First Company Attendee: \$480  
Additional Attendees: \$400

#### Standard Registration After July 10, 2019

First Company Attendee: \$600  
Additional Attendees: \$500

#### Registration Fee Includes

- Welcome Reception on Sept. 9
- Admission to All Open Sessions
- All Session Materials Provided
- Lunch and Dinner on Sept. 10 & 11
- Lunch and Poster Reception on Sept. 12
- Transportation from Hotels to All Activities
- Historic Butte Walking or Trolley Tour

Register now at: [ResodynMixers.com/TI-19](http://ResodynMixers.com/TI-19)



# Technical InterChange 2019

9th Annual  
World-Class Event Dedicated to  
ResonantAcoustic® Mixing  
(RAM) Technology



#### Additional Information

- Unregistered guest(s) are welcome to attend dinners for a nominal charge
- Optional RAM 5 Certification on Sept. 13 \$500 per Attendee
- Please contact Resodyn for travel and hotel information

September 10-12, 2019

Resodyn Headquarters  
Butte, Montana, USA

Butte, MT is the single most concentrated site of National Historic Registry buildings in the U.S. and is nestled in the Rocky Mountains of Southwest Montana. Explore nearby activities and attractions before or after TI-19:

[www.southwestmt.com](http://www.southwestmt.com)

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# Technical InterChange 2019



## Technical InterChange Topics

- ResonantAcoustic® Mixing (RAM) Processes
- RAM as a Universal Mixing Platform
- RAM Applications, Economic Results, & Value Proposition
- Design of Experiment for Process Development
- Mixing of Slurries & Pastes
- Mixing of Solids
- RAM Mixing Demonstrations
- RAM Processing - Customer Application Lessons Learned
- Scaling of RAM Technology from Bench to Production
- RAM Processing Methods & Results
- Continuous Chemical Processing
- The Power of Resonance
- RAM Mixer Technology Fundamentals
- The Value of Material Temperature Control
- RAM Power-to-the-Mix Analysis & Tools
- Influence of Pressure on RAM Mixing Outcomes
- Understanding Changing Mixing Conditions
- Optimizing RAM Accessory Versatility

## Open Topics Poster Session



- Lively discovery InterChange between expert, experienced, and new users
- All attendees are encouraged to participate

## Call for Presentations and Posters

*Presentations Invited and Encouraged  
Abstracts of 300 words by June 14, 2019  
(Full Papers Are Not Required)*

Areas of interest to consider:

- New Product Development
- New Processes Enabled by RAM
- Payback Scenarios
- Case Study Data
- Raw Material Reductions
- Process Elimination
- New Revenue Streams
- Capacity Expansion
- Quality Advances
- New Discoveries
- New RAM Uses
- Novel Applications
- Comparing RAM with Conventional Mixing



*Since 1994, ResonantAcoustic® Mixing (RAM) has delivered unparalleled mixing and processing performance. Many customers find 10 times faster processing time, reduced labor costs, and significantly improved, highly repeatable, unmatched quality results, not achievable from traditional mixing and processing technologies.*



## New Product & Service Introductions

- NEW Bench Scale LabRAM I
- New Developments in RAM technology
- Continuous Chemical Reactor
- RAM Hazardous Processing at Pilot & Production Scale
- Continuous Mixing Systems
- Process Development Services



## RAM 5 Operations Certification

- Comprehensive Training Program
- Hardware and Software Curriculum
- Hands-on System Functions
- Operation and Maintenance
- Completion Certificate

\*Note: Saturday 9/14/19 Departure