



Technical InterChange 2021

10th Annual
**World-Class Event Dedicated to
ResonantAcoustic® Mixing
(RAM) Technology**

September 21-23, 2021

**Resodyn Headquarters
Butte, Montana, USA**





Technical InterChange Topics

- ResonantAcoustic® Mixing (RAM) Processes
- RAM as a universal mixing platform
- RAM applications, economic results, and value proposition
- Design of experiment for process development
- Mixing of slurries and pastes
- Mixing of solids
- RAM mixing demonstrations
- RAM processing - customer application lessons learned
- Scaling of RAM Technology from bench to production
- RAM processing methods and results
- Continuous chemical processing
- The power of resonance
- RAM mixer technology fundamentals
- The value of material temperature control
- RAM power-to-the-mix analysis and tools
- Influence of pressure on RAM mixing outcomes
- Understanding changing mixing conditions
- Optimizing RAM accessory versatility



New Product and Service Introductions

- NEW bench-scale LabRAM I
- New developments in RAM technology
- Continuous chemical reactor
- New OmniRAM and OmniRAM H
- Continuous mixing systems
- Process development services

Technical Interchange 2021

Open Topics Poster Session



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



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





Call for Presentations and Posters

***Presentations are invited and encouraged
Abstracts of 300 words due by June 30, 2021***
(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



RAM 5 Operations Certification*

- Comprehensive training program
- Hardware and software curriculum
- Hands-on system functions
- Operation and maintenance
- Completion certificate

***Note: Requires Saturday 9/25/21 departure**



For ten years . . .

. . . a diverse assembly of industrial mixing experts, technicians, and researchers have gathered to meet in 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 new and exciting material mixing technology, methods and results, gaining hands-on experience with RAM machines at laboratory, pilot, and production scales, including continuous processing.

*Attend this year's event for the in-depth demonstrations, the informative presentations, and a dynamic poster session that makes this event a true **InterChange** of invaluable ideas and knowledge.*



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-21:

www.southwestmt.com



Technical InterChange 2021 Registration Information

Early Bird Registration 20 percent off before Aug. 1, 2021

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

Standard Registration (After Aug. 1, 2021)

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

Registration Fee Includes

- Welcome reception on Sept. 20
- Admission to all open sessions
- All session materials provided
- Lunch and dinner on Sept. 21 & 22
- Lunch and Poster Reception on Sept. 23
- Transportation from hotels to all activities
- Historic Butte walking or trolley tours

Register now at: <https://resodynmixers.com/ti-21-registration/>

Additional Information

- Unregistered guest(s) are welcome to attend dinners for a nominal charge
- Optional RAM 5 Certification on Sept. 24 (\$500 per attendee)
- Please contact Resodyn for travel and hotel information

Resodyn Acoustic Mixers, Inc.

130 North Main Street, Suite 630
Butte, Montana, 59701 USA



+1-406-497-5333



info@resodynmixers.com