

# BIRMINGHAM SYMPOSIUM ON MECHANOCHEMISTRY & SUSTAINABILITY

20-22 May 2024  
University of Birmingham (UK)

Join us at the [Birmingham Sustainability & Mechanochemistry Symposium \(BSMS\)](#), from 20-22 May, to hear from leaders in the chemistry of Sustainability and the role Mechanochemistry is playing in achieving a greener world. The BSMS will bring together leading speakers from UK and abroad, alongside early-career, post-doctoral and PhD researchers to present their results and showcase how advanced, alternative technologies, such as mechanochemistry, create a greener, more sustainable challenges of chemistry, materials science and chemical manufacturing.



We are excited to present the first Birmingham RAM Workshop: an opportunity to hear the latest developments in chemical applications of RAM

## Featured Speakers

Dr. Karthik Nagapudi  
Genentech



Prof. Tomislav Friscic  
University of Birmingham



## Sponsors



# Birmingham RAM Workshop (Weds 22 May)



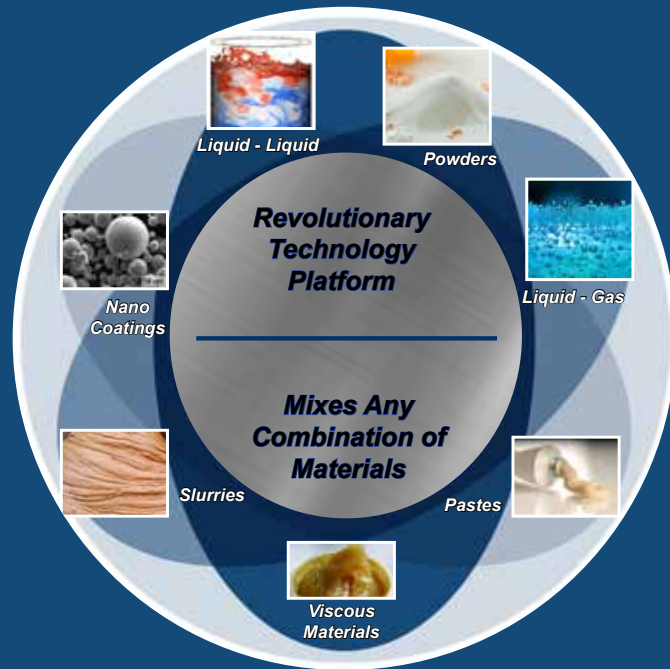
## Technical InterChange



**Resodyn™**  
ACOUSTIC MIXERS

Wednesday, May 22, 2024 University of Birmingham, Edgbaston, Birmingham, UK B15 2TT

With the support of [Resodyn Acoustic Mixers](#), BSMS is thrilled to present the first workshop on ResonantAcoustic® Mixing (RAM) – a rapidly emerging technology for energy- and materials-efficient mixing. RAM is now making in-roads towards scalable mechanochemical synthesis and manufacturing. The Birmingham RAM Workshop on 22 May will showcase the work of researchers from academia and industry in UK and US, and provide a technical overview of the technology and its most recent advances in chemical manufacturing and processing.



Title/Topic	Presenter	Affiliation	Start Time (GMT)	End Time (GMT)
1 Title TBD	Prof. Tomislav Friscic	University of Birmingham	9:00 AM	9:30 AM
2 Title TBD	Dr. Karthik Nagapudi	Genentech	9:30 AM	10:00 AM
3 Title TBD	Presenter TBD	TBD	10:00 AM	10:30 AM
4 Coffee			10:30 AM	11:00 AM
5 Resodyn Acoustic Mixers Technology Overview and Business Introduction	Lawrence Farrar	Resodyn Acoustic Mixers	11:00 AM	11:30 PM
6 Continuous RAM Chemical Reaction	Dr. Joe Mayne	Resodyn Acoustic Mixers	11:30 PM	12:00 PM
7 Lunch			12:00 PM	1:00 PM
8 Continuous RAM Crystallization	Dr. Joe Mayne	Resodyn Acoustic Mixers	1:00 PM	1:30 PM
8 Resonator Design & Operational Characteristics	Zachary Martineau	Resodyn Acoustic Mixers	1:30 PM	2:00 PM
9 Mix Power Calculation and Application	Justin Whaley	Resodyn Acoustic Mixers	2:00 PM	2:30 PM
10 Coffee			2:30 PM	3:00 PM
11 Batch Mixing of Solids/Scaling Considerations	Jennifer Breitbach	Resodyn Acoustic Mixers	3:00 PM	3:30 PM
12 Batch Mixing of Solids/Scaling Considerations	Stephanie Trant	Resodyn Acoustic Mixers	3:30 PM	4:00 PM
12 Continuous RAM Mixing	Stephanie Trant	Resodyn Acoustic Mixers	4:00 PM	4:30 PM

## Technical InterChange 2024



September 24 - 26, 2024  
Butte, Montana, USA

\* Welcome Reception: September 23  
\* RAM 5 Training: September 27

Register Online at [ResodynMixers.com](https://ResodynMixers.com)



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