



THE PARTICLE TECHNOLOGY FORUM (PTF) NEWSLETTER

An American Institute of Chemical Engineers (AIChE) Forum

Message From The Chair

Greetings!

Another year has gone by, and the AIChE Annual Meeting is just around the corner! I am so looking forward to seeing you all in Boston. It's always a pleasure to reconnect and welcome new faces as we gather to share the latest in particle technology.

This year we will open the program with a kickoff talk, "The World of Particle Technology," presented by Professor James Gilchrist (Lehigh University) on Saturday at 12:45 PM in Room 311, Hynes Convention Center. I encourage everyone to attend, as this session will set the stage for an exciting and impactful meeting.

We have a robust and diverse technical program featuring new sessions, distinguished honorary events, and a special tour organized for our members. It has been an incredible amount of work to prepare this meeting, and I want to recognize those whose dedication has made it possible; especially Ben Freireich, whose unwavering commitment and attention to detail have shaped PTF programming for so many years. Ben's leadership behind the scenes, coordinating sessions, guiding our annual planning, and keeping everything running smoothly has been essential to our Forum's success. I learned that he is now looking to develop a succession plan, ensuring that the strength of our programming will continue into the future.

I would also like to extend my thanks to Shrikant Dhodapkar for his dedication as the Editor of the PTF Newsletter, preparing both this and previous ones, including the summer edition. And my very special thanks go to Michael Molnar, our Vice-Chair, for the exceptional job he has done organizing the dinner and the PTF awards, always a challenging task.

This year, the PTF Dinner will be held on Wednesday, November 5, from 6:30 to 10:00 PM at Basile Fine Italian Kitchen. We look forward to gathering at this Boston favorite, renowned for its exceptional cuisine, for what promises to be a lively and memorable evening.

We are also delighted to offer a special opportunity for PTF members: a post-conference tour of Jenike & Johanson's world-class facilities in Tyngsboro, MA. The tour will take place on Thursday, November 6, with transportation provided from the Sheraton Back Bay Hotel. The program runs from 8:00 am, departing from the Sheraton, and will conclude back at the hotel at approximately 2:30 pm. This is a unique chance to see cutting-edge bulk solids handling in action, attend presentations by leaders in the field, and network with colleagues in a more informal setting. Space is limited (minimum 5 and maximum 15 attendees), so please RSVP to Esin Sparrow (esparrow@jenike.com) if you are interested in joining, or register directly at

A Peek At The Contents



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2025 / AIChE
ANNUAL
MEETING

November 2, 2025
to November 7, 2025

John B. Hynes Veterans
Memorial Convention
Center, | Boston, MA

[Registration](#)

[Technical Program](#)

the sign-up link for the tour <https://forms.gle/9iRcUNyzwNzfbMaP8>.

Alongside our traditional 3A–3E Area Sessions and our poster session (Wednesday from 3pm–5pm at the Exhibit Hall C, Second Level, Hynes Convention Center) we will be holding the PTF General Meeting as well as the Area Planning Meetings. I encourage everyone to join these discussions, which are open to all and vital for planning the future of our Forum. In particular, I urge area chairs, vice chairs, and anyone interested in contributing new ideas or volunteering to serve as chair to attend your Area’s planning meeting. This year, the Area Planning Meetings will be held as follows:

Tuesday, November 4, 10:30–11:50 AM:

- **Area 3A:** Liberty Ballroom B
- **Area 3C:** Independence Ballroom West
- **Area 3D:** Liberty Ballroom C
- **Area 3E:** Independence Ballroom East

Wednesday, November 5, 10:30–11:50 AM:

- **Area 3B:** Liberty Ballroom B

Your participation in these sessions is essential for developing our program and keeping our community vibrant and forward-looking.

In addition to our core programming, this year’s meeting features two distinguished honorary sessions. On Wednesday afternoon, we will celebrate Prof. Sankaran Sundaresan’s 70th Birthday and Retirement (12:30–3:00 PM, Independence Ballroom West), as well as a session on Particle Technology in Product Design and Manufacturing (12:30–3:00 PM, Liberty Ballroom C). Later that day, we will honor the memory of Prof. Cor van den Bleek with a special invited session (3:30–6:00 PM, Independence Ballroom West).

I encourage everyone to join these honorary sessions, not only to celebrate the remarkable careers and contributions of Prof. Sundaresan and Prof. van den Bleek, but also to engage with the latest advances in product design and manufacturing. Your presence is a meaningful way to honor our colleagues and help support our community.

We will celebrate the achievements of our members at the PTF Awards Presentations on Wednesday, November 5, 12:30–3:00 PM, and hear special presentations from several awardees:

- Aditya Khair (Carnegie Mellon University): PSRI Award in Fluidization and Fluid-Particle Systems
- Stefan Heinrich (Technical University of Hamburg): Shell Global Solutions Thomas Baron Award in Fluid-Particle Systems

Rajesh (Raj) Davé (New Jersey Institute of Technology): Elsevier PTF Award for Lifetime Achievements

Other 2025 award recipients include:

- Andreas Güntner (ETH Zurich): SABIC Young Professional Award
- Aaron Moment (UCLA): Dow Particle Processing Award
- Leo Brody (North Carolina State University): George Klinzing Best PhD Award
- Reza Mostofi (Honeywell UOP): PTF Service Award

My warmest congratulations to all the award winners! And thank you to everyone who contributed to the nominations and the selection process.

I hope to see many of you in Boston. Please reach out if you have questions or ideas for future activities. Your engagement and support are what keep the Forum moving forward.

Maria S. Tomassone

Chair, Particle Technology Forum, AIChE

Professor, Department of Chemical and Biochemical Engineering, Rutgers University

FROM THE EDITOR'S DESK

We meet in Boston for our Annual Meeting to share our scientific endeavors, network with fellow *particle-technologists* and celebrate the accomplishments of our peers. The strength of our community is not necessarily in the numbers, but in the *cohesiveness* of our purpose and the diversity of interests which we continue to broaden into new areas, such as, circularity.

Special thanks to my Editorial Advisory Group (EAG) - Ray Cocco, Mayank Kashyap, Reza Mostofi-Ashtiani, George Klinzing, Mike Molinar and Maria Tomassone for their continued support and guidance.

Safe Travels!

If you are interested in contributing to the PTF Newsletter, please contact me at sdhodapkar@icloud.com

Shrikant Dhodapkar, PhD

Senior R&D Fellow, AIChE Fellow
The Dow Chemical Company, TX

**Past PTF Chairs**

Year	PTF Chair
1992 – 1994	L. S. Fan Ohio State University
1994 – 1996	Reg Davies DuPont Company
1996 – 1998	Mike Roco NSF
1998 – 2000	Karl Jacob Dow Chemical Company
2000 – 2002	George Klinzing University of Pittsburgh
2002 – 2004	Ralph Nelson DuPont Company
2004 – 2006	Alan Weimer University of Colorado, Boulder
2006 – 2008	Shrikant Dhodapkar Dow Chemical Company
2008 – 2010	Hugo Caram Lehigh University
2010 – 2012	Raymond Cocco PSRI
2012 – 2014	Jennifer Sinclair Curtis University of Florida
2014 – 2016	Reza Mostofi UOP
2016 – 2018	Raj Dave NJIT
2018 – 2020	Bruce Hook Dow Chemical Company
2020 – 2022	Jim Gilchrist Lehigh University
2022 – 2024	Reddy Karri PSRI
2024- 2026	Maria Silvina Tomassone Rutgers University

**PTF Website**

Our website is a resource for our membership, which must be updated and enriched by the contributions from all of us. I encourage you to remain engaged by visiting the [website](#) and sharing the links with others.

Some key features...

- PTF leadership, where you can learn about the esteemed professionals guiding our initiatives.
- Stay up-to-date with upcoming events, including conferences, webinars, and workshops that offer opportunities for professional growth and networking.
- Discover our awards section to celebrate the achievements and innovations of our members who are making significant contributions to particle technology.
- Newsletters provide updates, insights, and articles to keep you informed about the latest exciting events, trends, research, and job opportunities.

If you are interested in contributing content to the newsletter or share information about upcoming events, please reach out to me (yfan5@dow.com).

Yi Fan

Senior Research Scientist
The Dow Chemical Company, TX



PTF Award Winners 2025

Elsevier PTF Lifetime Achievement Award



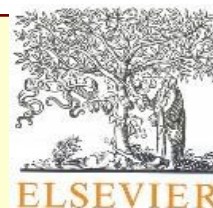
Dr. Rajesh N. Davé

Distinguished Professor

Chemical & Materials Engineering

New Jersey Institute of Technology,
Newark, NJ 07102

E-mail: dave@njit.edu



**Sponsor of the
Lifetime Achievement Award**

Citation: For pioneering work in fundamental understanding of nano-micro particle interactions, applied to industry relevant preparation, processing, and use of engineered particulates and composites.

Dr. Rajesh (Raj) Davé is the Distinguished Professor of Chemical and Materials Engineering at the New Jersey Institute of Technology. He began his career at Utah State University in 1983. In 1985, he joined the Department of Mechanical Engineering at New Jersey Institute of Technology, where he became a tenured professor. In 2000, he was the founding Director of the R&D Excellence Center, New Jersey Center for Engineered Particulates, focusing on research and innovations in particle engineering for improved particle properties for applications to pharmaceutical, food, electronics, and energy industries. Raj has done foundational work in understanding fine particle cohesion. His work identified key particle properties beyond particle size that impact powder cohesion, helping develop model-based prediction of particle adhesion as a function of particle size, density, surface energy and surface roughness; and cohesion non-dimensionalization through the Granular Bond number. The dry particle coating research was groundbreaking in that reliably utilizing nanoparticle agglomerates and Group C particles in particle technology systems was extremely difficult until his work. Moreover, he has investigated inter-particle contact forces both experimentally and theoretically as well as Discrete Element Modeling (DEM) of pharmaceutical particle packing and particulate processing. In his research on coefficient restitution measurement (with Prof. Rosato), he embedded sensors into particles and was able to – for the first time – get a very detailed and dynamic look at individual particle collisions and trajectories. Lastly, his development of surface-engineered excipients helped address a gap in the marketed excipients by producing fine silica-coated excipients that combine improved flow and bulk density without compromised tablet tensile strength, which has not been accomplished before using commercially available specialized and silicified excipients to achieve high-speed direct compaction tableting of high cohesive API loaded blends.

Raj Davé received his B.S. in Mechanical Engineering from the Indian Institute of Technology in 1978. He then completed a M.S. degree in Mechanical Engineering in 1981 from Utah State University and his PhD in Mechanical Engineering from Utah State University in 1983. His scholarship has generated an impressive 200+ papers and 23 patents, resulting in various licensed technologies. Dr. Davé's service to the American Institute of Chemical Engineers (AIChE) Particle Technology Forum (PTF), in particular, has been outstanding, where he has served since 2002; first as Vice-Chair and then Chair of Areas 3A (Particle Production and Characterization, 2002–2004, again 2012–2016) and 3D (Nanoparticles, 2004–2006), then as a member of the PTF Executive Committee (2006 – 2008, again 2012 – 2016), and finally as PTF Vice-Chair (2015–2017) and PTF Chair (2017-2019). He was elected as an AIChE Fellow in 2018. He has been internationally recognized with numerous awards including, the 2015 AIChE PTF PSRI Lectureship in Fluidization Award, and the 2022 AIChE PD2M Award for Outstanding Contribution to QbD for Drug Product. In 2021 he was elected Fellow by the National Academy of Inventors. He has also served as Chair, Material Science and Engineering of the American Association of Pharmaceutical Scientists (AAPS) and is an AAPS Fellow. He is currently the Executive Editor of *Advanced Powder Technology* and Associate Editor of *Pharmaceutical Research*.

PTF Award Winners 2025

PSRI Fluidization and Fluid-Particle Systems Award



Dr. Aditya S. Khair

Professor and Associate Department Head
Chemical Engineering
Carnegie Mellon University, Pittsburgh, PA
15213

E-mail: akhair@andrew.cmu.edu



**Sponsor of the Lectureship in
Fluidization Award**

Citation: For achievements in developing fundamental mathematical descriptions of microhydrodynamics, electrokinetic, electrophoretic, and suspension rheology of fluid-particle systems.

Dr. Aditya Khair is a Professor and Assistant Department Head of the Department of Chemical Engineering at Carnegie Mellon University. Much of his work has focused on fluid-particle systems, including describing electrokinetic, electroosmotic, and inertial behavior of particle-laden systems. He has worked closely with experimentalists and developed detailed mathematical and computational descriptions of these systems where existing theory is stretched to its limits. His use of mathematical models to predict or explain non-intuitive transport or flow phenomena, such as anomalous particle movement in concentrated electrolytes, or negative viscosity of bacterial suspensions. The fundamental insights gained have influenced a range of applications from charge transport in organic semiconductors; active suspensions for drug delivery; and drag modification in particle sedimentation during hydraulic fracturing.

Dr. Khair earned his M. Eng. in Chemical Engineering from Imperial College London in 2001, a certificate of advanced study in mathematics from Cambridge University in 2002, and a PhD in Chemical Engineering from California Institute of Technology under the supervision of John Brady in 2007. After completing a postdoctoral assignment at University of California Santa Barbara, he joined the chemical engineering faculty at Carnegie Mellon University in 2010. He has over 100 peer-reviewed publications in his career to date. His work has been recognized through several awards, including the Metzner Early Career Award from the Society of Rheology, the Camille Dreyfus Teacher-Scholar Award, the National Science Foundation (NSF) CAREER Award, the Charles Kaufmann Foundation New Investigator Research Grant, and the Frenkiel Award of the American Physical Society (APS) Division of Fluid Dynamics. Within AIChE, he has been the programming committee member for Area 1J (Fluid Mechanics) and a member of the Particle Technology Forum. In 2023 he was recognized as a Fellow of the American Physical Society.

PTF Award Winners 2025

Shell Thomas Baron Award In Fluid-Particle Systems



Dr. Stefan Heinrich
Professor and Director
Institute of Solids Process Engineering
and Particle Technology
Hamburg University of Technology
(TUHH), Hamburg, Germany
E-mail: stefan.heinrich@tuhh.de



Citation: Advancing the understanding of the dynamics in fluidized beds by modeling and experimentation.

Dr. Stefan Heinrich is a Professor and Director of the Institute of Solids Processing Engineering and Particle Technology at Hamburg University of Technology (TUHH). Stefan began his teaching career at the University of Magdeburg in 2000 where he did research on the dynamics of property distributed systems in solids process engineering. In 2008, he joined the faculty at Hamburg University of Technology as a Full Professor. At TUHH he is the director of the Institute of Solids Process Engineering and Particle Technology, and he has also served as Dean of the School of Chemical and Biological Engineering. His research has focused on fluidization and spray drying technologies, where he has developed also professional coursework offerings. His work has addressed key challenges in predicting fluidized beds based on particle properties. His research was able to compare experimental results, which lead to improvements in simulations. He addressed particle-particle interactions, fluid-particle interactions, and the influence of external forces, e.g. in vibratory fluidized beds. These models have been validated through rigorous experimental work, demonstrating Professor Heinrich's commitment to bridging theoretical research with practical applications.

Stefan Heinrich received his M.S. in Chemical Engineering from the University of Magdeburg in 1996 and his PhD in Chemical Engineering from the University of Magdeburg under the supervision of Lothar Mörl in 2000. He has authored over 260 peer-reviewed journal articles and sixteen book contributions and he holds six granted patents with two pending. Stefan received the prestigious DECHEMA-Prize for 2015 by the Max Buchner Research Foundation for his work in fluidized bed spray granulation. He received the Editorial Excellence Award in 2017 from *Advanced Powder Technology*, and recently Stefan was awarded an Honorary Professorship at the University of Chemical Technology and Metallurgy in Sofia, Bulgaria. In addition to his research, Stefan has also been professionally active in the Fluid-Particle area of Chemical Engineering. Stefan is the editor of *Particuology* and *Advanced Powder Technology* and he is on the boards of several scientific conferences – one of them being the International Advisory Board of the International Conference on Fluidized Bed Technology (CFB).

PTF Award Winners 2025

Particle Technology Forum Service Award



Dr. Reza Mostofi

Fluid Dynamics Modeling Analyst

Honeywell UOP

Des Plaines, IL 60016

E-mail: Reza.Mostofi@Honeywell.com



**Sponsor of
PTF Service Award**

Citation: He has made lifetime outstanding scientific/technical contributions to the field of particle technology, as well as leadership in promoting scholarship, research, development, service and/or education in this field.

Dr. Reza Mostofi-Ashitani has made outstanding technical contributions to the field of particle technology in the past two decades, including over 30 publications and presentations, and over 30 U.S. and non-U.S. patents. Reza completed his B.S. in Chemical Engineering from Amirkabir University of Technology and his PhD in Chemical Engineering from the Illinois Institute of Technology. He has spent the majority of his professional career at Honeywell UOP advancing technologies in hydrocarbon processing.

Reza is a Fellow of the American Institute of Chemical Engineers (AIChE) and an active member of AIChE Particle Technology Forum (PTF) and the Chicago local section of AIChE. Reza has forwarded PTF's mission through several technical and leadership positions, including Area 3B Vice-Chair/ Chair and PTF Vice-Chair/Chair. In addition, he has served as the Chair of Chicago Local Section and has been involved in the planning and execution of Midwest Regional Conference for many years. Reza has played an exemplary role in AIChE PTF and Chicago section by bringing new ideas and providing a platform for the younger generation of students, engineers, and scientists to contribute to the technical community. Reza is also a member of Career and Education Operating Council (CEOC) & Societal Impact Operating Council (SIOC) of AIChE, and he has served as the SIOC Chair. Reza received the AIChE Shining Star Award in 2019.

PTF Award Winners 2025

SABIC Young Professional Award



Dr. Andreas Güntner
Assistant Professor
Mechanical and Process Engineering
ETH Zürich, Zurich, Switzerland
E-mail: andreas.guentner@hsl.ethz.ch



Citation: Highly-selective molecular sensors by gas-phase-made nanoparticles and their direct film deposition for food safety and medical diagnostics, and in particular their translation to industry.

Dr. Andreas Güntner is an Assistant Professor in Mechanical and Process Engineering at ETH Zürich heading the Human-centered Sensor Laboratory and a research associate at the Univ. Hospital Zürich, Dept. Endocrinology, Diabetes and Clinical Nutrition. His research centers around physics, chemistry and medicine to gain new fundamental understanding in micro/nanosystems for transducers to advance their fabrication and application in chemical sensing.

Dr. Güntner earned his B.S. Mechanical and Process Engineering in 2012, his M.S. in Mechanical and Process Engineering in 2014, and his PhD in Mechanical and Process Engineering under the supervision of Sotiris Pratsinis in 2017, with all of his degrees at ETH Zürich. Between 2017 and 2021 he did postdoctoral studies at ETH Zürich and worked as a Lecturer. He has two years of entrepreneurial experience where he has built successfully the start-up company Alivion AG as its founding CEO before joining ETH Zürich as faculty. Dr. Güntner's contributions have been recognized with major external accolades, including in 2022 the Emerging Technology Award from the Royal Society of Chemistry and the W.A. de Vigier Award, Switzerland's most prestigious entrepreneurial prize. Andreas has fifty (50) peer-reviewed publications and four filed patents with two granted. He also serves as editor of *Sensors and Actuators B: Chemical*, one of the leading journals in the field.

PTF Award Winners 2025

George Klinzing Best PhD Award



Dr. Leo Brody
Postdoctoral Researcher
Chemical Engineering
University of Washington, Seattle,
WA 98195
E-mail: leobrody@uw.edu



Citation: For pioneering redox-activated perovskite sorbents enabling sintering-resistant, isothermal CO₂ capture with transformative impact on biomass conversion to sustainable hydrogen.

Leo Brody received his B.S. in Environmental Science from American University in 2016, and both his M.S. in Chemical Engineering (2021) and PhD in Chemical Engineering at North Carolina State University under the supervision of Prof. Fanxing Li. At NC State, his dissertation focused on improving how we capture CO₂ during chemical reactions to make hydrogen fuel from syngas feedstocks. Normally, special solid materials called sorbents are used to grab CO₂ and help produce more hydrogen. The problem is that most sorbents stop working over time due to sintering or particle aggregation. For his PhD, Brody tested tunable perovskite oxides, a family of materials having the structural formula ABO_{3-δ} (where A represents an alkali or alkaline earth metal cation, B represents a transition metal cation, and δ represents oxygen vacancies) which can switch between different structures during use. This switching helps the perovskite oxide particles avoid aggregation and makes them last longer. Brody's dissertation work has been published in *Advanced Functional Materials*, *ACS Sustainable Chemistry and Engineering*, and *Journal of Physics: Energy*. He has authored eleven research articles and has one filed patent application.

Leo is currently a postdoctoral researcher in the Department of Chemical Engineering at the University of Washington working under Dr. Julie Rorrer focusing on smart reactors to improve processing of liquids derived from variable mixed waste plastics.

L.-S. Fan Award for Advancing Fundamentals of Chemical Engineering

The American Institute of Chemical Engineers (AIChE) Board of Directors has announced the establishment of a **New Institute-level Award**: the **L.-S. Fan Award for Advancing Fundamentals of Chemical Engineering**.

This award recognizes individuals whose significant and original contributions have advanced the frontiers of chemical engineering fundamentals, with a particular emphasis on **particle technology and related fields**. Named in honor of Professor Liang-Shih (L.-S.) Fan of The Ohio State University, a dear colleague and pioneer in particle technology, the award celebrates innovation, sustained research excellence, and transformative impact across academia and industry.



Fundraising efforts to establish the endowment are being led by Prof. Ah-Hyung (Alissa) Park (University of California, Los Angeles) and Dr. Bing Du (ExxonMobil), in collaboration with the AIChE Foundation. This collective initiative aims to ensure enduring recognition of fundamental advancements in our field.

Further details can be found at:

<https://www.aiche.org/community/awards/l-s-fan-award-advancing-fundamentals-chemical-engineering>

A QR code for the fundraising campaign is provided below. We encourage the particle technology community to contribute in support of this fitting tribute to Professor Fan's legacy and to help champion the continued advancement of particle science and technology.

We also seek your help in identifying and nominating outstanding candidates for the inaugural award, with nominations due February 15, 2026.



From Programming Chair's Desk

Technical Program Highlights

Dr. Ben Freireich, Origin Materials, Inc.



The World of Particle Technology

Billions of pounds of bulk solids are processed and handled every year by the US process industries, yet most chemical engineers are ill-equipped to deal with the complexities of engineering science of solids processing. Hence, plants and products suffer with lost production, inability to achieve design production rates, off-grade or off-specification products. During this session, we will take a look at the fun and exciting world of solids processing. Specifically, we will look at some of the more common particle-based technologies examining both the important role they play in society today along with the associated technical challenges.

Saturday, November 1, 2025: 12:45 PM-1:30 PM, 311 (Hynes Convention Center)

Honorary Session to Celebrate Prof. Sankaran Sundaresan's 70th Birthday and Retirement

Prof. Sankaran (Sundar) Sundaresan is the Norman John Sollenberger Professor in Engineering in the Department of Chemical and Biological Engineering at Princeton University. Sundar has devoted his career to research and teaching in particle technology. Sundar is due to retire this year and is also turning 70 this year. This honorary session of invited talks will celebrate these 2 major milestones. Sundar's honors include the Elsevier Lifetime Achievement Award from the PTF (2022).

Monday, November 3, 2025: 12:30 PM - 3:00 PM, Sheraton Boston, Independence Ballroom West

Honorary Session in Memory of Prof. Cor van den Bleek

In this session, we celebrate the life and work of Cor van den Bleek, who passed away in December 2023 at the age of 80. Cor spent much of his professional career at Delft University of Technology (the Netherlands), where he made notable contributions in the fields of chemical reactor engineering and particle technology. Many in this community will know him best for his highly original approach of applying chaos analysis to characterize fluidized bed hydrodynamics. This session will encompass several invited talks by former colleagues and friends of Cor, and discuss topics related to Cor's oeuvre.

Monday, November 3, 2025: 3:30 PM - 6:00 PM, Sheraton Boston, Independence Ballroom West

Sustainable Engineering Forum: Circularity

As global priorities shift towards sustainability and resource stewardship, the integration of circularity principles within chemical engineering emerges as a critical strategy for reducing waste, optimizing resource use, and enhancing process efficiency. This session, under the auspices of the American Institute of Chemical Engineers (AIChE), will bring together leading researchers, industry practitioners, and policy experts to explore innovative strategies that embody the circular economy paradigm within our field.

Key topics include:

- Process Innovation & Intensification: Exploring novel catalytic and process design approaches that maximize material efficiency and minimize waste generation.
- Resource Recovery & Waste Valorization: Highlighting advances in the conversion of waste streams into valuable inputs, thereby closing the loop in chemical production.
- Life Cycle and Systems Analysis: Utilizing comprehensive analytical frameworks to assess the environmental and economic impacts of circular processes.
- Circular Supply Chain & Policy Integration: Discussing the challenges and opportunities in aligning supply chain management and regulatory frameworks with circularity goals.

Wednesday, November 5, 2025: 8:00 AM - 10:30 AM, Sheraton Boston, Liberty Ballroom B

Particle Technology Forum Technical Program can be found [here](#).



PTF Awards Dinner – Ticketed Event

Wednesday, November 5th, 2025

6:30 pm – 10:00 pm



Basile Fine Italian Kitchen

[162 Columbus Ave, Boston, MA 02116](https://www.basileboston.com)

<https://www.basileboston.com>



Event location is within walking distance with closer proximity to the Marriott Copley Place Hotel and multiple MBTA Subway Green Line train stops.

Program:

6:30 pm – 7:30 pm	Registration/Cocktail Hour with Passed Appetizers
7:30 pm – 7:45 pm	Introductory Remarks
7:45 pm – 8:45 pm	Dinner (Choice of Four Entrees: Pollo Piccata, Masala Ravioli with Shrimp, Beef Bolognese, Vegan Selection – Gnocchi with Mushrooms)
8:45 pm – 9:15 pm	Awards Program and Recognition
9:15 pm – 9:45 pm	Dessert and Social
10:00 pm	Adjourn

You need to purchase a dinner ticket when you register for the AIChE Annual Meeting in Boston.

Cost: \$110 (almost sold out)

For purchased tickets, indication will show on your badge. For the awardees, we have reserved complimentary tickets for you. We will be contacting attendees in late October to get a count of meal choices to assist in planning.



Post-Conference Tour (November 6, 2025)

Jenike and Johanson has graciously invited AIChE Particle Technology Forum members an opportunity to tour their facilities in Tyngsboro, MA on Thursday, November 6th. Transportation will be provided.

Date: November 6, 2025

Hosted By: Jenike & Johanson, Inc.

Submitted to: PTF (Particle Technology Forum)

Minimum attendees: 5

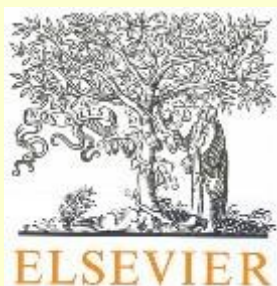
Maximum attendees: 15 (exceptions by request, at least 1 week in advance)

Please RSVP to Esin Sparrow (esparrow@jenike.com)

Agenda

8:00 am	Bus departs Sheraton Back Bay (location of convention center)
9:00 am	Bus arrives to Tyngsboro Business Park
9:00 am – 9:15 am	Welcome and overview of day's events
9:15 am – 10:15 am	Presentation Session: <i>History of the Science of Bulk Solids Handling</i> Presenter: John Carson
10:15 am – 11:15 am	Laboratory tour (3 stations, 20 minutes each)
11:15 am – 11:30 am	Break
11:30 am – 12:15 pm	Presentation Session: <i>Mitigating Moisture: A Coupled Computational and Experimental Approach</i> Presenters: Jairo Paternina & Fuat Sakirler
12:15 pm – 1:00 pm	Lunch
1:00 pm – 1:30 pm	Closing remarks
1:30 pm	Buses depart Tyngsboro Business Park
2:30 pm	Buses arrive Sheraton Back Bay

PTF Awards and Dinner Sponsors



**Sponsor of the
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Award**



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**Sponsor of the Lectureship in
Fluidization Award**



**Sponsor of the
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University of Pittsburgh

**University of Pittsburgh Alumni
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George Klinzing Best PhD Award**



**Sponsor of
PTF Service Award**



Sponsor of Post-Conference Tour



**Sponsor of Student Poster Competition
Award**

Particle Technology Forum Organization

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TREASURER

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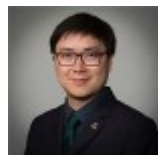


PTF EXECUTIVE COMMITTEE (INDUSTRY)

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Statement on Diversity

The AIChE Particle Technology Forum is committed to maintaining a diverse and inclusive community of highly skilled chemical engineering professionals within the environment of the Institute and profession in which all members, regardless of characteristics such as gender identity and expression, race, religion, age, physical condition, disability, sexual orientation, educational level, socioeconomic class, nationality or ethnicity, are valued and respected.”

As a global scientific and engineering society, we affirm the international principles that the responsible practice of science, free from discrimination in all of its forms, is fundamental to scientific advancement and human wellbeing, as outlined by the International Council for Science’s (ICSU) Statute 51. We also affirm our commitment to an engineering and scientific environment that facilitates the planning, execution, review and communication of engineering and scientific work with integrity, fairness, and transparency at all organizational levels. This extends to our general scientific endeavors—including our professional interactions and engagement with other engineers, scientists, students, trainees, and the general public. We recognize that harm to our profession, our scientific credibility, individual wellbeing, and society at large is caused by not doing so.

To this end, the PTF will implement the principles of diversity, inclusivity, and equity within PTF leadership and membership to build a community across the chemical enterprise. We are committed to quantifying and monitoring our diversity at least annually at the Executive Committee and reported at the general business meeting.



PTF Membership



To continue receiving the PTF newsletters (3 issues per year) and stay current with particle technology events and news, please make sure to renew/ start your membership by either:

- Checking Particle Technology Forum when renewing your AIChE membership annually,
- Becoming a PTF lifetime member so that you don't have to renew membership every year

Become a PTF only member (Annually \$15, Lifetime \$150)

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You can also contact AIChE customer service at 800-242-4363 (US); 203-702-7660 (Outside the US); or email customerservice@aiche.org for membership questions and help.

PTF Membership Committee