5th edition

Experts Conclave istification

The Orchid, Mumbai 21 & 22 OCTOBER 2024

BROCHURE

ORGANIZER



CONTACT

prcentral@distillationconclave.com +91-9676611950 www.distillationconclave.com



Distillation Experts Conclave (Di.Ex) is an event organized by **Three Ten Initiative Technologies LLP** to bring global distillation expertise to South Asia. Di.Ex Mumbai 2024 is the fifth installment and will focus on issues unique to the region. The conference aims to ensure technical exchange and address challenges related to reducing costs and improving efficiency.

Distillation is the most widely used industrial separation technology across a variety of manufacturing industries and consumes a significant part of the energy used in the process industries. Despite being a mature technology, there are still challenges that need to be addressed to reduce the environmental footprint of the manufacturing industry while meeting the increasing energy and material needs of a growing South Asian population. The conclave aims to be the largest specialized technical platform for distillation in South Asia, a region that houses the bulk of the world's manufacturing sites.

SPEAKERS AT DISTILLATION EXPERTS CONCLAVE

- Abhishek Tripathi, Paques
- Amar Kale, BPCL
- Anju Patil, DWC Innovations
- Anuradha Mukherjee, Tojo Vikas
- Anton Kiss, U of Manchester
- Aparna Anilkumar, IISc Bengaluru
- Arun R S, IOCL
- Ashraf Lakha, RVT
- B Ravi, HPCL
- Biswak Sen Das, IOCL
- Deepak Kumar Jha, HPCL
- D P Rao, IIT Delhi
- Madhukar Garg, RIL
- Ritesh Mittal, EIL
- Giuseppe Mosca, Sulzer
- Harshal Kharwade, RIL
- Henry Kister, Fluor
- Hema Divya K, Kaypear
- Izak Nieuwoudt, FRI
- Jim Risko, TLV Corporation
- Kaushal Sampat, Ingenero

- Ken McCarley, FRI
- Madhukar Garg, RIL
- Matt Thundyil, Transcend
- Mohd Firdaus, Petronas
- Mukesh Khagram, Evergreen
- Nishant Jaiswal, Ingenero
- Parag Walinjkar, BARC
- Pete Johnson, Integrated Global
- Prakash Katre, Shell
- Rahul Raman, Kaypear
- Ratheesh S, BPCL
- Salim T U, BPCL
- Shardul Shindadkar, Ingenero
- Simon Weiland, OGT
- Srinivasulu Kaalva, BPCL
- Saurabh Agarwala, EIL
- Sunil Kumar, CSIR IIP
- Supriya Apegaonkar, RIL
- Vinay Bhave, BRIT
- Vinodh Rodrigues, Quartic.ai
- Xiaozhou Wang, Quartic.ai

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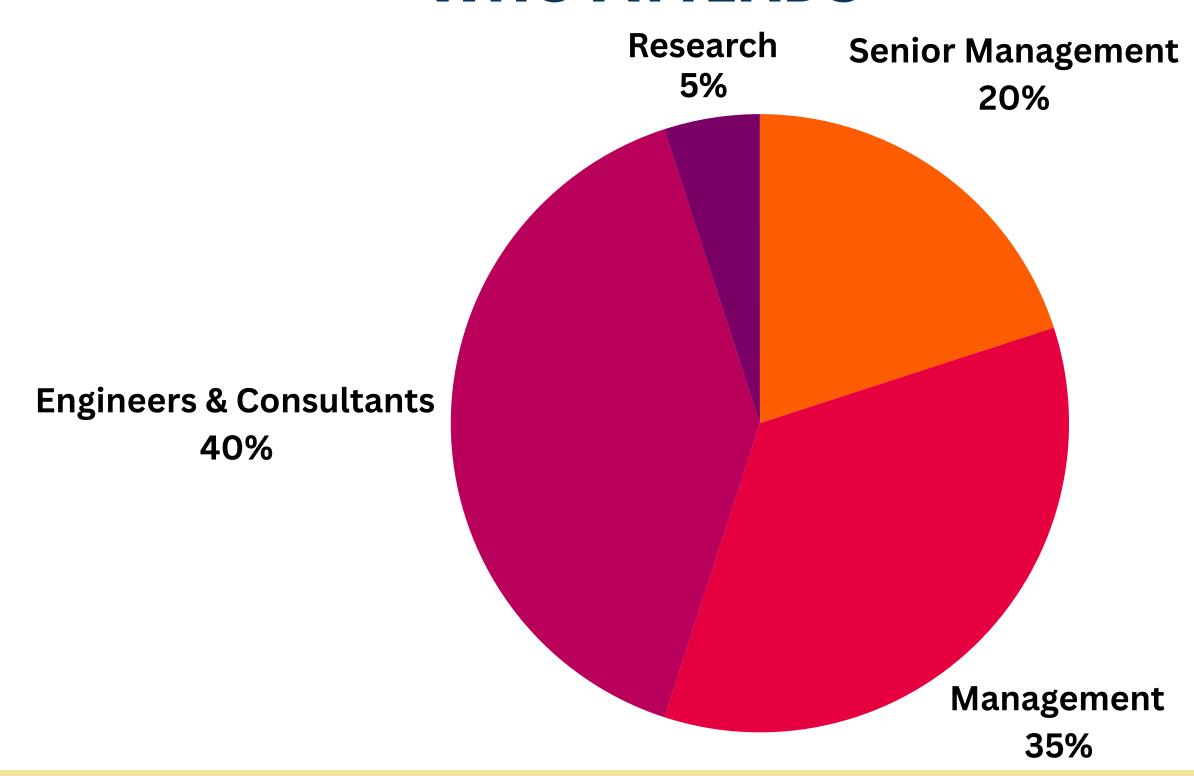
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WHO ATTENDS

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Rates are exclusive of GST	₹ 5,00,000 US\$ 7,200	₹ 3,00,000 US\$ 4,500	₹ 1,50,000 US\$ 2250
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Attendee list & contact information	Y	Y	_
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NUMBER OF SPONSORSHIPS AVAILABLE	1	2	2

REGISTRATIONS OPEN

₹ 25,000 / US\$ 500 + GST

Group discount of 10% (3+ registrations)

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CALL FOR PAPERS

Distillation Experts Conclave is inviting papers from operating companies, research groups, technology suppliers, and all other stakeholders specific to the conference focus areas mentioned below:

FOCUS AREAS

- Issues in batch distillation, extractive, reactive, cryogenic, adsorptive, and azeotropic distillation
- Improvements in packing and trays (high capacity, improved efficiency)
- Diagnostics and troubleshooting operations
- Debottlenecking and revamps
- Process intensification using divided wall columns, thermally coupled columns, integration with other separation processes
- Fundamental mass transfer data collection
- Phase equilibria and VLE
- Performance testing of column internals
- Pilot scale operations & scale up
- Process control improvements (inferential, multi-variable, model-based control)
- Modelling and correlation improvements
- Big-data and data-analytics applications in distillation
- Simulation studies (process / CFD) and digital twins
- Improved design of column auxiliaries (reboilers, condensers, nozzles, distributors etc.)
- Process safety, asset integrity & reliability improvements
- Energy efficiency & sustainable process development

CALL FOR PAPERS

GUIDELINES

- 1. Please submit an abstract for your proposed presentation on or before 24 May 2024.
- 2. Selected presentations will be intimated by Mid July 2024.
- 3. All presenters must be willing to submit a full written paper by 16th August 2024.
- 4. Authors have to submit their presentations by 13th September 2024.
- 5. Please note: If authors are unable to submit a full written paper by the submission deadline (16th August 2024) for any reason their paper selection will stand revoked, and presentation shall stand withdrawn.
- 6. Abstracts should be technical in nature and provide enough details of the proposed topic.
- 7.All marketing content and branding should be relegated to the background and be pass-by references.
- 8. Authors must explicitly mention, if the proposed abstract has already been presented at an earlier event or published.
- 9. Authors should also mention if the proposed abstract is a continuation of a paper presented at an earlier Distillation Experts Conclave/other event.
- 10. Abstracts should provide an objective, technology proposed, or methodologies used (if any), case studies / experimental studies, and explanations of take away message.
- 11. Abstracts are encouraged to include tables, graphs, pictures, and references as necessary.
- 12.A single company/author may submit more than one (1) abstract. Multiple companies may collaborate and submit abstracts, and in fact encouraged.
- 13. Abstracts will only be received via the distillation conclave.com website.
- 14. Conference papers will be shared with all the attendees of the conference and be archived as part of the conference proceedings.
- 15. Word Limit: 700 words (minimum) 1000 words (maximum) excluding references
- 16. Font: Times New Roman, Font size 14 (Title) and 12 (content)
- 17. File Format: in .doc (or) .docx (or) PDF formats
- 18. Decisions of the organizers will be final and binding in matters of abstract selection.

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21 & 22 Oct. 2024
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