

IChEC 2026

September 10, 2026

Tehran, Iran

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International Chemical Engineering Congress & Exhibition

Bridging Sustainable Chemical Engineering with Global Community



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The 13th International Chemical Engineering Congress and Exhibition (IChEC 2026)

Tehran, Iran, 2026



Dear Distinguished Participants, Colleagues, and Guests,

It is my great pleasure to welcome you to the 13th International Chemical Engineering Congress & Exhibition (IChEC 2026) and to express my sincere appreciation to everyone who has contributed to the success of this important scientific event, organized by the Iranian Association of Chemical Engineering (IACHE).

I would like to extend my heartfelt thanks to all the researchers and participants who submitted their valuable scientific work and shared their knowledge, experience, and achievements with us. Your enthusiastic participation has been essential in creating a dynamic and high-quality scientific program.

We received an impressive total of 720 scientific manuscripts, reflecting the remarkable interest and active engagement of our scientific community. Following a careful and rigorous peer-review process, 112 manuscripts were unfortunately not accepted, while 82 papers were selected for oral presentation and 526 papers were accepted for poster presentation.

I would like to express my deepest gratitude to the members of the Scientific Committee for their invaluable expertise, commitment, and considerable effort in reviewing the submitted manuscripts and maintaining the scientific standards of the Congress.

My special appreciation also goes to the Student Scientific Committee for their enthusiasm, dedication, and valuable contribution throughout the scientific preparation of this event. Their active involvement represents an encouraging sign for the future of our scientific community.

I would also like to sincerely thank the Executive Committee and all members of the organizing team whose tireless efforts, careful planning, and outstanding coordination have made this Congress possible.

Finally, I would like to thank each and every one of you for your presence and participation. I sincerely hope that this Congress provides an inspiring platform for scientific exchange, meaningful discussions, new collaborations, and the advancement of knowledge in our field.

With sincere appreciation,

Masoud Rahimi

Scientific Secretary



The 13th International Chemical Engineering Congress and Exhibition (ICHEC 2026)

Tehran, Iran, 2026



In the Name of God

Distinguished Professors, Esteemed Researchers, Honorable Colleagues from Academia and Industry, and all valued participants of the 13th International Chemical Engineering Congress

Greetings and best regards,

As we reach the conclusion of this valuable scientific event, on behalf of the Executive Secretariat of the Congress, I would like to express my sincere appreciation and gratitude to all those whose valuable presence, support, and contributions played a significant role in organizing this edition of the Congress.

The 13th International Chemical Engineering Congress was planned with the aim of continuing the valuable path established through the previous twelve editions and with the vision of strengthening the connection between academia, industry, and the chemical engineering community of the country. Our effort was to hold this edition, like previous ones, in person, providing an opportunity for direct interaction among professors, researchers, and industry professionals. However, considering the prevailing circumstances and practical considerations, it was ultimately decided that this edition would be held virtually, utilizing technological capabilities while maintaining scientific standards.

Although a virtual event cannot fully replace the valuable atmosphere of an in-person gathering and direct scientific interactions, the active participation of the scientific community demonstrated that the process of knowledge creation, exchange, and advancement can continue with strength under different circumstances.

On this occasion, I sincerely thank all professors, researchers, students, authors of scientific papers, and respected reviewers whose academic contributions enriched this event.

I would also like to express my appreciation to the Iranian Association of Chemical Engineering, the respected members of its Board of Directors, the Scientific Committee, the Executive Committee, the dedicated colleagues of the Executive Secretariat, and all those who contributed in various ways toward achieving the objectives of this Congress.

It is also my privilege to extend my special appreciation to Mr. Seyed Abbas Mousavi Rahpeima, President of the Iranian Association of Chemical Engineering, whose valuable



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support and cooperation have played an influential role in advancing the activities of the Association and in the successful organization of this Congress.

Furthermore, the valuable support of Fouman Shimi, Nouri Petrochemical Company, and Pasargad Energy as sponsors and supporters of this scientific event is sincerely appreciated. The contribution of these industrial organizations represents the importance of constructive collaboration between industry and academia and highlights the essential role of industry in supporting scientific and research development.

I would also like to acknowledge all the efforts and planning undertaken for organizing specialized workshops, inviting distinguished speakers, and expanding the participation of the international scientific community. Although the complete implementation of all these programs was not possible in this edition, these efforts demonstrate the commitment of the Congress Secretariat toward enhancing the scientific quality and international standing of the event.

Finally, I hope that the 13th International Chemical Engineering Congress will continue to serve as a platform for knowledge exchange, the development of scientific collaborations, and the strengthening of connections between academia and industry. I look forward to future editions of this valuable event with broader participation from the national and global scientific communities.

Thank you all for your presence, support, and valuable cooperation.

Wishing you all health, success, and prosperity.

Sincerely,

Seyed Hamed Mousavi
Faculty Member, University of Tehran
Executive Secretary of the 13th International Chemical Engineering Congress

S.H. Mousavi



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**Program of the 13th
International Chemical
Engineering Congress
IChEC2026- September 10, 2026**

ORAL SESSION

Thursday 10th September

Hall A

Chair: Dr. Rahimpour / Dr. Parvareh

Biotechnology, 8:30-10:30

No.	Paper ID	Paper Title
1	1260-ICHEC	Synergistic Electrochemical Oxidation and Membrane Bioreactor for Pharmaceutical Wastewater Treatment: Performance and Fouling Mitigation H. R. Fathi, P. Farshbaf, H. Hazrati*
2	1058-ICHEC	Valorization of Sorghum Biomass for Simultaneous ABE Solvent and Volatile Fatty Acid Production Z. Mehrabi, A. Taheri-Kafrani*, H. Amiri
3	1265-ICHEC	Alginate Hydrogels Containing Galbanum Essential Oil for Controlled Drug Release: A Novel Replace For Classic Antibiotics M. Bagheri Tabar, M. R. Mehrnia*, F. Poursagharian Roudsari
4	1482-ICHEC	Synthesis and Evaluation of Novel Molecularly Imprinted Polymers (MIPs) Using genipin as a crosslinker for colon-targeted delivery F. Borji Peydeh, S. S. Ashraf Talesh*
5	1507-ICHEC	Feasibility Study on Sulfate Reduction by Indigenous SRB from Tannery Effluent F. Shakeri, F. Naeimpoor*
6	1455-ICHEC	Enhancing Light Olefin Selectivity and Stability in MTO Process: Promotional Effects of LaO₂ and CeO₂ on SAPO-34 Catalyst M. Khalilifard, J. Towfighi Darian*, F. Mohammad Alikhani

10:30-11

Break

Biotechnology, 11:00-11:40

7	1874-ICHEC	Effect of PEG-induced Crowding on TMPyP4 Interaction with C9orf72 DNA G-quadruplexes R. Ganjehfar, B. Zamiri *
8	2052-ICHEC	Machine Learning Application for Predicting Final Biomass Concentration of Scenedesmus in Flat-Plate Photobioreactors A. pourebrahimi alamdari, M. Mohammadi, O. Tavakoli *

12:00-13:00

Break

Chemical Reaction Engineering, 13:00-14:40

9	1172-ICHEC	Hydrolysis of NaBH₄ with Promoted Co/MnFe₂O₄ Catalysts A. Ranjbar
10	1178-ICHEC	Kinetics and Synergy Investigation of the Thermal Treatment of Cellulosic/Polyester-Based Textile Waste T. Mostofian, F. Fotovat*
11	1111-ICHEC	Modeling the Biodiesel Production Using Weibull Distribution: Analyzing the Effect of Methanol to Oil Ratio In Four Different Synthesis Methods H. Maghsoudloord*; A. M. Vazini
12	1635-ICHEC	Utilization of blast furnace dust as a low cost photocatalyst for tetracycline remediation: Impact of key process factors N. Mirhoseini, M. Farhadian*, A.R. Solaimany Nazar, F. Rajaei, A. Heydari, M. Asimi
13	1357-ICHEC	Photocatalytic Degradation of Antibiotic Mixtures with Bi₂WO₆/TiO₂ Heterojunction in a Slurry Batch Reactor: Design of Experiments using Central Composite Design A. Tamimzadeh, A. Gordanshekan, S. Arabiyan, M. Abbasi, S. Safaei, M. Mirzaei, S. Abaei, d, M. Farhadian*, A. R. Solaimany Nazar, O. Tavakoli, S. Tangestaninejad

Hall B

Chair: Dr. Omidkhah / Dr. Arabpour

Energy & Sustainable Development, 8:30-10:30

No.	Paper ID	Paper Title
1	1079-ICHEC	Utilization of Spinel Based Catalysts to Enhance Biodiesel Production Process M. Paseban, H. Nayebezhadeh*, B. Rahmanivahid
2	1248-ICHEC	CeNiO ₃ Perovskite as an Efficient Oxygen Carrier for Chemical Looping Methane Reforming H. Sepahvand, A. Moheb, A. Zamaniyan*, Y. Zamani
3	1291-ICHEC	From Natural Clays to Sustainable Energy: Metal-free Bentonite-dispersed Boron Carbide for photoelectroalytic Hydrogen generation S. Shayesteh, N. Gilani*
4	1333-ICHEC	Thermo-Economic and Environmental Analysis of Excess Steam Recovery in Utility networks by Multi Effect Desalination Plant integration M. Rashidi, M. Roshanaei*, A. Kordi
5	2037-ICHEC	Data-Driven Modeling of Pyrolysis Product Yields using Machine Learning Algorithm M. Mohammadi, A. Pourebrahimi A., O. Tavakoli*
6	1088-ICHEC	Evaluation of the impact of rotational speed on CO ₂ absorption performance in an RPB absorber M. Shamsi, J. Towfighi Darian*, M. Afkhamipour

10:30-11:00

Break

Energy & Sustainable Development, 11:00-12:00

7	1446-ICHEC	Synthesis and Characterization of High Surface Area Layered MoS ₂ /RGO for Supercapacitor Applications H. Akbari*, M. Hamadani
8	1724-ICHEC	The Risk of Organic Scale Formation during Carbonated Water Injection into Oil Reservoirs: An Experimental Study B. Nikoumaram, M.H. Behroozi, M.S. Mousapour, H. Mahani*, S. Ayatollahi**
9	1766-ICHEC	Zeta Potential Driven Wettability Alteration in Carbonates Using Smart Water: Implications for CO ₂ Storage and Enhanced Oil Recovery Y. Niktab, A. Hamdi, S.M. Hosseini-Nasab*

12:00-13:00

Break

Nanotechnology, 13:00-15:00

10	1661-ICHEC	Experimental measurements of the CO ₂ +TBAB+Water hydrate system with and without Silver Nanoparticles H. Pahlavanzadeh*, A. Karamipour, A. H. Mohammadi
11	1699-ICHEC	Synthesis and Characterization of Galactose and Folate-Conjugated Chitosan Nanoparticles for Targeted Hepatocellular Carcinoma Drug Delivery A. H. Sharifi, M. Bakhshipoor, M. Rajabzadeh, A. B. Khoshfetrat*
12	1527-ICHEC	Antibacterial rGO/Wheat Straw-Based Sustainable Aerogels S. Fouji, Y. Asghari, S. Goleyj, D. Aliakbari, Z. Jarrahi, A. Allahbakhsh*
13	1422-ICHEC	Influence of Operating Parameters of High-Shear Wet Granulation on Size Distribution and Durability of Protease Enzyme Granules M. Sabz-Baluch, A. Samimi, D. Mohebbi-Kalhari*, S. H. Zohdi
14	1944-ICHEC	Preparation and Characterization of Injectable Hydrogel Based on Oxidized Persian Gum/Carboxymethyl Chitosan Loaded with MXene Nanosheets E. Ansari, E. Vasheghani-Farahani*, F. Ganji, F. Bagheri
15	1648-ICHEC	Synthesis and Characterization of Cs ₃ Bi ₂ Br ₉ Perovskite Quantum Dots: The effect of organic ligands F. Kolahdouzan, F. Khorasheh, A. Z. Moshfegh*

Hall C

Chair: Dr. Mostofi / Dr. Godini

Environmental Engineering, 8:30-10:30

No.	Paper ID	Paper Title
1	1080-ICHEC	Preparation of BiVO ₄ /TiO ₂ Nanotube Composites: Characterization and Optimization of Parameters to remove 4-Nitrophenol under Visible light A. Kaveh, A. A. Asgharinezhad*, A. Larimi, C. Ghotbi
2	1049-ICHEC	Electrosterically Stabilized Arabic Gum Biopolymer for High-Efficiency Adsorption of Heavy Metals from Aqueous Solutions G. Bakhshi Ganjeh, M. Vaziri, P. Darvishi, R. Darvishi*
3	1387-ICHEC	Physicochemical-Biological Treatment of Leachate with High Organic Load A. Shirzad, A. Pirouzi*, M. Rahimi Asrami
4	1651-ICHEC	Enhanced photocatalytic degradation of antibiotics in aqueous solution using Zn-modified ZIF-67 A. Jamshidian, F.E Hussein, M.R. Abbasi, M. Farhadian*, A. R. Solaimany Nazar

10:30-11:00

Break

Environmental Engineering, 11:00-12:20

5	1709-ICHEC	Modification of Mo ₂ TiAlC ₂ MAX phase for improving the separation performance of PES membranes Z. Chartab Mohammadi, A. Khataee*, S. Jabbarvand Behrouz
6	1883-ICHEC	Visible-Light-Active ZnO-Fe ₂ WO ₆ Composites for Efficient Tetracycline Removal from Water F. Babaei, A. R. Solaimany Nazar*, M. Farhadian
7	1893-ICHEC	Biological Removal of Antidiabetic Drug Metformin from Wastewater: Enzymatic Pathways and Process Performance M. Mohammad Hosseini, M. Moghimian Hoosh, F. Kazemi, Z. Ghobadi Nejad, S. Yaghmaei*

12:20-13:00

Break

Environmental Engineering, 13:00-14:20

8	1832-ICHEC	Optimization of a hybrid forward-feed multi-effect evaporation/membrane distillation system for water desalination A. Khademi, A. M. Sahlodin*, A. Raisi
9	1999-ICHEC	Photocatalytic Membranes Based on Polyethylene Terephthalate (PET) and Cellulose Acetate (CA) for Petroleum Emulsion Separation S. Mosazad, S. Allahyari*, N. Rahemi, M. Daryani
10	1630-ICHEC	Effect of Salinity on Biogas Production during Anaerobic Treatment of Textile Dyeing Wastewater in an Up-flow Anaerobic Sludge Blanket Reactor S. Aghamolaei, E. Abdollahzadeh Sharghi*, B. Bonakdarpour, M. Roodkhaneh
11	1640-ICHEC	Green Solvothermal Synthesis and Statistical Optimization of Zn Doped TiO ₂ for Enhanced Photocatalytic Treatment of Petrochemical Wastewater M. Mokhtaria, A. Majnoonb, M. K. Moraveji*

Education in Chemical Engineering, 14:20-14:40

12	1799-ICHEC	Active Learning with Generative Artificial Intelligence in Engineering Education L. Zargarzadeh
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Safety 14:40-15:00

13	1882-ICHEC	Criticality Assessment of a Hydrogen Turbine Supply System Using Fuzzy Failure Modes, Effects, and Criticality Analysis (Fuzzy FMECA) M. Narimani, Y. Younesi Sinaki, S. Baradaran*
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Hall D

Chair: Dr. Sodeifian / Dr. Bashipour

Modeling and Simulation, 8:30-10:30

No.	Paper ID	Paper Title
1	1028-ICHEC	Relative Permeability Upscaling of Waterflooding Using Genetic Algorithm M. H. Behdadfar, M. Assareh*
2	1057-ICHEC	Coarse-Grained CFD-DEM Simulation of a Bubbling Fluidized Bed with Fixed Cell Size Using Adaptive Gaussian Mapping N. Negahdari, R. Khodabandehlou, H. R. Norouzi*
3	1136-ICHEC	Design of Blending Tubes in a Homogenization Silo Using DEM S. Rahbari, H. R. Norouzi*
4	1229-ICHEC	Experimental and CFD Analysis for Predicting Weeping Rate from Centrifuge Tray in a Divided Wall Column M. Hemmati, M. Zivdar1*, T. Zarei, R. Rahimi
5	1378-ICHEC	Data-Driven Modeling and Energy Optimization of a Cement Rotary Kiln Using Artificial Neural Networks M.A. Mokhtari*, M. Keykhaei, S. Mansouri, A. Keikhosravani, H. Pishgouei, M. Nikbakht
6	1374-ICHEC	Numerical Investigation of Heat Transfer and Shear Rate in Plate Heat Exchangers for Yoghurt Cooling N. Jalili, A. Khaghani, M. R. Sarmasti Emami*, A. Siavashi
10:30-11:00		Break
Modeling and Simulation, 11:00-11:40		
7	1392-ICHEC	Boosting NGCC Capacity Factor via Off-Peak Blue Hydrogen Production Using Chemical Looping Water Splitting A. Rastgaran, M. Rahmani*
8	1325-ICHEC	CFD-Based Numerical Investigation and Geometric Optimization of Orifice-Induced Hydrodynamic Cavitation Reactors M. Akrami, N. Naziri*, A. Aliparast
11:40-13:00		Break
Modeling and Simulation, 13:00-15:20		
9	1408-ICHEC	ANN-Based Machine Learning and RSM for Predicting Specific Heat Capacity of CO₂ Absorption Solutions S. Yari, A. Ghaemi *
10	1423-ICHEC	Deep learning approach to predict hydrogen storage in metal-organic frameworks A. H. Sheikhshoei, R. Zabihi*
11	1544-ICHEC	An Accelerated Blood Damage Framework for the FDA Benchmark Centrifugal Blood Pump N. Salahi, M. S. Karimi*
12	1810-ICHEC	Rise Dynamics of Taylor Bubbles: Experimental Measurements and CFD Simulations for Non-Invasive Viscosity Assessment A. Jalilzade, S.H. Hashemabadi*
13	1818-ICHEC	Dynamic study of a methane-fueled solid oxide fuel cell under varying feed conditions S. Maleki, A. M. Sahlodin *

Hall E

Chair: Dr. Zinatloo / Dr. Azimi

Polymer Science and Engineering, 8:30-10:10

No.	Paper ID	Paper Title
1	1200-ICHEC	Synthesis and characterization of silica from rice husk as reinforcing filler in rubber industry Shifteh Shahabi
2	1047-ICHEC	Characterization of Macroporous Chitosan Templates via High Internal Phase Emulsions for Tissue Engineering Applications S.P. Hosseini Largani, Marzieh Sadeghi, H. Salimi-Kenari*, Hamidreza Ghafouri
3	1391-ICHEC	Preparation and characterization of Patam/CMC/CNT nanocomposite double network hydrogel strain sensors M. Ranjbari, H. Nazockdast, S. Tarashi*, F. Goharpey, M. Raddadi
4	2041-ICHEC	Enhancing the vulcanization of chlorosulfonated polyethylene (Hypalon) rubber: preventing reaction stalling using magnesium oxide as an alternative to zinc oxide M. Nazeri, M.R. Pourhossaini*, M. Razavizadeh, M. Khabiri
5	1743-ICHEC	Direct Molecular Bromine Addition to Acrylonitrile and Methyl Methacrylate: A New Brominated Adduct as a Potential Precursor for ATRP Initiator Z. S. Hosseini, M. Abdollahi*

10:10-11:00

Break

Modeling and Simulation, 11:00-12:20

6	2027-ICHEC	Optimal operation and Startup minimization for continuous bio-manufacturing of lovastatin M. Ebrahimi, A. M. Sahlodin*
7	2033-ICHEC	Single Random Forest Surrogate for Biomass Fluidized Bed Gasification R. Shahbazi, M. Rahmani*
8	2054-ICHEC	Unified Material and Process Design for CO ₂ Capture Using a Block-wise PSA Superstructure A. R. Nooshabadi, S. A. Elahi, S. A. H. Hejazi*
9	2090-ICHEC	Impact of Digital Transformation on Abadan Oil Refining Company: Insights from International Experiences M. Chegini, A. Khaksar Manshad*, M. Salehi Pour, M. M. Khesht Chin, H. Zobeidi

12:20-13:00

Break

Thermodynamics, 13:00-14:40

10	1056-ICHEC	Development of the One-Parameter NRTL (OP-NRTL) Model: A Symmetry-Based Approach for Prediction Activity Coefficients in Binary Mixtures S. Kohzadi, A. Haghtalab*
11	1568-ICHEC	Numerically Efficient Molecular Thermodynamic Framework for Droplet-Size Prediction in Microemulsions A. Kordani, L. Zargarzadeh*, F. Islami
12	1791-ICHEC	Gas Hydrate Equilibrium Calculation Using Aqueous Refractive Index Measurements in the Presence of Salts and Organic Inhibitors Zahra Karimi Akhorme, Jafar Javanmardi*, Ali Rasoolzadeh
13	2009-ICHEC	Integrated Stability-Equilibrium Framework for NRTL Parameter Optimization: Cyclohexane + Water + Ethanol V. Safari, N. Nanvakenari, F. Eslami*
14	1809-ICHEC	Comparison of Four Activity Coefficient Models for Description of Vapor-Liquid Equilibrium of Binary Systems Including Biodiesel A. Shojaeian*, F. Taheri Sajed

Hall F

Chair: Dr Tavakoli/Dr Mashayekhan

Separation Process, 8:30-10:30

No.	Paper ID	Paper Title
1	1152-ICHEC	AA/AM/LMA Hydrogel as an Efficient Adsorbent for Methylene Blue Removal M. Noori Keshtkar, A. Mohammadi, P. Rahmani, A. Shojaei*, H. Molavi
2	1195-ICHEC	Effect of Sintering Temperature on the Microstructure and Permeability of Gel-Cast Alumina Ceramic Membranes Containing CaCO₃ J. Ahmadi, J. Ahmadi, C. Falamaki*
3	1213-ICHEC	Energy Saving Evaluation in Ternary Distillation Column Sequences Using Dividing Wall Columns: A HDA Case Study A. Ashkani, N. Gilani*
4	1281-ICHEC	Efficient removal of tetracycline antibiotic from water using Ce-Fum-MOF S. Saeedi , H. Molavi*
5	1591-ICHEC	Novel Approach for Fabricating High-Performance Nanofiltration Membrane via Interfacial Polymerization for Salt Rejection A. Mohamadbeiki, F. Z. Ashtiani*, E. Bonyadi

10:30-11:00

Break

Separation Process, 11:00-12:20

6	1674-ICHEC	Synergistic tuning of gas separation performance in cellulose acetate/polyether block amide membranes via polymer blending N. A. Jahroomi, A.R. Bahrami, A.R. Raisi*
7	1742-ICHEC	Tailoring CO₂ capture efficiency in Pebax1657-based membranes with biodegradable nanochitosan F. Shiri Jafarzadeh, M. Vatani*, A.R. Raisi
8	1755-ICHEC	Life Cycle Assessment of Extractive Distillation for the Separation of Minimum-Boiling Azeotropes M. Alimohammadi, K. Asghari *, P. Eshaghi, M. Zargham Zadeh, A. Hedayat
9	1765-ICHEC	Surface Modification of Polyethersulfone (PES) Nanofiltration Membrane via Pectin and Chitosan-Furosemide Composite Coating for Enhanced Dye Removal Performance F. Norouzi , G. Moradi*, B. Shirvani

12:20-13:00

Break

Separation Process, 13:00-14:40

10	1800-ICHEC	A less-explored membrane combination for improving CO₂/CH₄ and CO₂/N₂ separation efficiency: Sulfonated poly(ether ether ketone) blended with poly(ether imide) A. Adhami, A. Kargari*
11	1807-ICHEC	Surface Modification of Alumina–Mullite Ceramic Membrane Using NiZnFe₂O₄ Nanoparticles for Methylene Blue Removal M. Moharrami , F. Shojaei , M. R. Omidkhah *
12	1886-ICHEC	Bio-inspired Modification of Bentonite Using Beta vulgaris Extract for Enhanced Dye Removal, Anti-fouling, and Antibacterial Performance of PES-based Mixed Matrix Membranes B. Shirvani, S. Dadari, F. Norouzi , G. Moradi*
13	1997-ICHEC	A Newly Designed Rotating Bed System for Batch Adsorption of Methylene Blue: Performance Comparison with a Shaker F. Googerdchian, A. Moheb*, M. Haghshenasfard
14	2057-ICHEC	Fabrication and Gas Separation Performance of a CALF/PEBAX Mixed Matrix Membrane for CO₂/N₂ Separation Z. Kooti, E. Ahmadi*

Time Table of Oral Presentations

Thursday
September 10th

Thursday Oral Presentations & Presenters



13th International Chemical Engineering Congress
ICChE 2026
September 10, 2026

8:30-10:30	Hall A		Hall B		Hall C		Hall D		Hall E		Hall F	
	Chair: Dr. Rahimpour Dr. Parvareh		Chair: Dr. Omidkhah Dr. Arabpour		Chair: Dr. Mostoufi Dr. Godini		Chair: Dr. Sodeifian Dr. Bashipour		Chair: Dr. Zinatloo Dr. Azimi		Chair: Dr. Tavakoli Dr. Mashayekhan	
	Biotechnology	1260 H. Hazrati	Energy & Sustainable Development	1079 M. Paseban	Environmental Engineering	1080 A. Kaveh	Modeling and Simulation	1028 M. H. Behdadfar	Polymer Science and Engineering	1200 Sh. Shahabi	Separation Process	1152 M. Noori
		1058 Z. Mehrabi		1248 A. Zamanyan		1049 R. Darvishi		1057 N. Negahdari		1047 P. Hosseini		1195 C. Falamaki
		1265 M. Bagheritabar		1291 S. Shayesteh		1387 A. Pirouzi		1136 S. Rahbari		1391 M. Ranjbari		1213 A. Ashkani
		1482 F. Borji Peydeh		1333 M. Roshanayi		1651 M. R. Abbasi		1229 M. Hemmati		2041 M. Nazeri		1281 H. Molavi
		1507 F. Shakeri Jannati		2037 M. Mohammadi				1378 A. Ghaemi		1743 M. Abdollahi		1591 A. R. Mohamadbeiki
		1455 J. Towfighi		1088 J. Towfighi				1374 M. R. Sarmasti Emam				

10:30-11:00

Break

Thursday Oral Presentations & Presenters



September 10, 2026

11:00-12:00	Hall A		Hall B		Hall C		Hall D		Hall E		Hall F	
	Chair: Dr. Rahimpour Dr. Parvareh		Chair: Dr. Omidkhah Dr. Arabpour		Chair: Dr. Mostoufi Dr. Godini		Chair: Dr. Sodeifian Dr. Bashipour		Chair: Dr. Zinatloo Dr. Azimi		Chair: Dr. Tavakoli Dr. Mashayekhan	
	Biotechnology		Energy & Sustainable Development	1446 H. Akbari	Environmental Engineering	1709 Z. Chartab Mohammadi	Modeling and Simulation		Modeling and Simulation	2027 M. Ebrahimi	Separation Process	1674 N. Azadegan Jahroomi
		1874 R. Ganjehfar		1724 H. Mahani		1883 F.Babaei		1392 A. M. Rastgaran		2033 R. Shahbazi		1742 M. Vatani
2052 A. Pourebrahimi Alamdari		1766 Y. Niktab		1893 F. Kazemi		1325 M. Akrami Bashir		2054 A. Rahmani		1755 M. Zarghamzade		
12:00-13:00		Lunch Break										

Thursday Oral Presentations & Presenters



13th International Chemical Engineering Congress
ICChE 2026
September 10, 2026

13:00-15:00	Hall A		Hall B		Hall C		Hall D		Hall E		Hall F	
	Chair: Dr. Rahimpour Dr. Parvareh		Chair: Dr. Omidkhah Dr. Arabpour		Chair: Dr. Mostoufi Dr. Godini		Chair: Dr. Sodeifian Dr. Bashipour		Chair: Dr. Zinatloo Dr. Azimi		Chair: Dr. Tavakoli Dr. Mashayekhan	
Chemical Reaction Engineering		1172 A. Ranjbar	Nanotechnology (Trends in Materials Development & Applications)	1661 A. Karamipour	Environmental Engineering	1832 A. M. Sahlodin	Modeling and Simulation	1408 S. Yari	Thermodynamics	1056 S. Kohzadi	Separation Process	1800 A. Kargari
		1178 T. Mostofian		1699 A. H. Sharifi		1999 M. Daryani		1423 A. H. Sheikhshoei		1568 A. Kordani		1807 M. Moharami
		1111 A. M. Vazini		1527 S. Fouji		1630 S. Aghamolaei		1544 N. Salahi		1791 Z. Karimi Akhorme		1886 S. Dadari
		1635 N. Mirhoseini Renani		1422 M. Sabzblooch	Education in Chemical Engineering	1640 M. Mokhtari		1810 A. Jalilzade		2009 V. Safari		1997 F. Googerdchian
		1357 A. Tamimzadeh		1944 E. Ansari		1799 L. Zargarzadeh		1818 S. Maleki		1809 F. Taheri Sajed		2057 E. Ahmadi
				1648 F. Kolahdouzan	Safety	1882 S. Baradaran						

POSTER SESSION

Thursday 10th September

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Thermodynamics	
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1010	Experimental Evaluation of Two Predictive Models in a TEG Dehydration Pilot Plant H. R. Kalatjari
1023	Investigation of the impact of calcination on phase structure, chemical composition and Thermal stability of Magnesium Silicate M. Dayani, J. Sargolzaei*
1061	Thermodynamic Modeling of CO₂ Absorption in Pure and Mixed Deep Eutectic Solvent Systems via NRTL-PR A. Jafari, F. Karami, A. Haghtalab*
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1547	Evaluation of Coconut Oil-Based Antifoams in Diethanolamine Solutions H. Karami, S. Haghighat Pajooh Kargar, L. Zargarzadeh*
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1801	Comparative Performance of 1-Allyl-3-Methylimidazolium Tetrafluoroborate in Extractive and Oxidative-Extractive Desulfurization: Optimization of Sulfur Removal Efficiency using RSM S.Ahmadiyan, M.Lashkarbolooki, F. Aali
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1819	Tuning Interlayer Spacing of Graphene Oxide Membranes with Chitosan for Improved Dye Separation E. Bashiri, M. Manteghian*, A. Sharif , A. Jafari
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