

7th Zeolite Conference of Iranian Chemical Society

30 & 31 August 2022

Chemistry & Chemical Engineering Research Center of Iran



Conference Schedule Day 1 (30 August 2022)

Time	Presenter	Title
7:00-7:45	Welcome to the honorable participants	
7:45-9:00	Recitation of the Holy Quran/National Anthem The Speech of President of CCERC The Speech of Secretary of Iranian Chemical Society The Speech of Scientific Secretary	Opening Ceremony
	Prof. Mojgan Zendeheel Prof. Masoud Mirzaei Shahrabi	Management Committee
9:00-9:30	Plenary Lecture Prof. Hossein Kazemian (University of Northern British Columbia)	Zeolites and MOFs and their environmental applications as catalysts and adsorbents
9:30-10:00	Invited Lecture Dr. Majid Pour Moghaddam (Isfahan University of Technology)	An analytical view on worldwide statistics of 74 types of Iran's minerals focusing on zeolite as a strategic material (deposit storage quantity, variety, production, and branding)
10:00-11:00	Poster session 1 & Break	
	Associate Prof. Bahram Ghanbari Prof. Shabnam Sohrabnezh	Management Committee
11:00-12:00 Oral Lectures	Marjan Ghazimoradi PhD Student (CCERC & Tabriz University)	Effect of porous silica multiple shells in drug delivery systems for cancer therapy
	Masoumeh Ghandi MSc Student (Iran University of Science and Technology)	Computational and FT-IR spectroscopic studies on hydrogen adsorption on the Be-FER and Mg-FER zeolites
12:00-12:30	Keynote Lecture Prof. Massumeh khatamian (University Of Tabriz)	ZSM-5 type cobaltosilicate zeolites and their composites, synthesis, characterization and applications
12:30-14:00	Prayer and Lunch Break	
	DR. Fereydoon Yaripour Assistant Prof. Mozaffar Shakeri	Management Committee
14:00-14:30	Keynote Lecture Prof. Cavus Falamaki (Amirkabir University of Technology)	Pluripotential of Iranian clinoptilolite zeolite for industrial applications
14:30-15:00	Keynote Lecture Assoc. Prof. Abtin Ebadi (Arak University)	The role of advanced porous filler materials in the new generation of gas separating membranes
	Prof. Rahmatollah Rahimi Prof. Sadegh Rostamnia	Management Committee
15:00-16:00 Oral Lectures	Saeed Vahdat MSc (Faculty of Engineering, Shahed University)	Investigating the effect of size and arrangement of zeolite NaY adsorbent masses on preconcentration of NO ₂ gas
	Fateme Ganji PhD Student (Persian Gulf University)	Synthesis of 4A-Zeolite by plant fibers as source of silica and its application for removal of heavy metals from wastewater
	Mohammad Reza Vaseghi MSc Student (Shahid Beheshti University)	Development of glass composite wasteform for immobilization of spent Cs-impregnated Clinoptilolite
16:00-17:00	Poster session 2 & Break	
	Prof. Cavus Falamaki Associate Prof. Aliakbar Tarlani	Management Committee
17:00-17:30	Keynote Lecture Asst. Prof. Mozaffar Shakeri (CCERC)	Supported Embryonic Zeolites: The Emergence of New Catalysts for Transformation of the Bulky Substrates
17:30-18:00	Keynote Lecture Assoc. Prof. Bahram Ghanbari (Sharif University of Technology)	Zeolite transformation (MFI-to-MOR) parallel to OSDA chemical change



Conference Schedule Day 2 (31 August 2022)

Time	Presenter	Title
	Prof. Majid Moghadam Asst. Prof. Mohammad Yaser Masoomi	Management Committee
8:30-9:00	Plenary Lecture Prof. Mojgan Zendehtel (Arak university)	Zeolite, From discovery to New application
9:00-9:30	Keynote Lecture Prof. Sadegh Rostamnia (Iran University of Science and Technology)	Metal-Organic Frameworks (MOFs) and Covalent Organic Frameworks (COFs) Porous Nanoreactors: 14 Years with ONG
9:30-10:10 Oral Lectures	Mahta Badienezhad PhD Student (University of Guilan/Behdash Chemical Company)	Monitoring the relationship between specific surface area and total pore volume with silica amount and Si/Al ratio in fluid catalytic cracking (FCC) through XRF, XRD and N ₂ -porosimetry analysis.
	Mahdi Heidari-Golafzani PhD Student (Iran University of Science and Technology)	Enhanced adsorption of heavy metals and dyes using CuO/zeolite nanocomposite
10:10-11:00	Poster session 3 & Break	
	Associate Prof. Maryam Afsharpour Prof. Massumeh khatamian	Management Committee
11:00-11:30	Invited Lecture Asst. Prof. Mohammad Yaser Masoomi (Arak University)	Introducing quasi metal-organic frameworks with an overview on their applications
11:30-12:00	Invited Lecture Dr. Somayeh Taghavi (Postdoctoral Fellow, DMSN, Ca' Foscari University of Venice, Italy)	Micro-mesoporous CuZSM-5@HMS nanocomposite for transformation of biomass derived sugars to levulinic acid
12:00-12:30	Keynote Lecture Assoc. Prof. Kamran Akhbari (University of Tehran)	Metal-Organic Frameworks as Nanoporous Carrier Systems with High Loading Potential and Sustained Release of Drug for Effective Cancer Therapy
12:30-13:00	Report of Executive Secretary Presentation of top posters and top Oral Lecture Introducing and announcing the location of the next conference	Concluding Remarks
13:00-14:00	Prayer and Lunch Break	



قابل توجه کلیه پژوهشگران و دانشجویان گرامی:

۱- لطفاً کارت شناسایی عکس دار به همراه داشته باشید.

۲- استفاده از ماسک در محیط برگزاری کنفرانس الزامی می باشد.

۳- تنها افرادی که در کنفرانس ثبت نام نموده اند و هزینه های مربوط را پرداخت کرده اند (با مقاله یا بدون مقاله) مجاز به

حضور در محیط برگزاری کنفرانس می باشند و ورود افراد همراه، به محیط برگزاری کنفرانس مجاز نمی باشد.

برنامه کارگاه ها

ردیف	نام برگزار کننده	زمان	محل برگزاری	عنوان کارگاه
۱	مهندس محمد مهدی عظیمی	سه شنبه ۸ شهریور ساعت ۱۱ الی ۱۳	سالن حکمت	Why and how to use zeolite (clinoptilolite) in agriculture and aquaculture
۲	دکتر محمود میرزایی	چهارشنبه ۹ شهریور ساعت ۱۱ الی ۱۳ و ساعت ۱۴ الی ۱۶	سالن حکمت	-آموزش نرم افزارهای اتوداک و دیسکاوری استودیو -مفاهیم گیرنده-لیگاند -بهبود سازی و توصیفگرها -پایگاه های اطلاعات ساختاری Protein Data Bank and ChemSpider -ایده سازی و ارزیابی طراحی دارو