




9th Iranian Biennial Chemometrics Seminar Timetable



Wednesday, October 18, 2023

First section

Title	Time
 Recite the holy Quran, National Anthem, schedule announcement	08:00 – 08:10
 Academic-executive head of the seminar presentation	08:10 – 08:20
 Imam Khomeini International University introduction clip	08:20 – 08:30
<i>Speech: Prof. Khayamian</i>	08:30 – 08:40

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Second section “scientific speeches”

Title	Presenter	Time
<i>Chair: Prof. Khayamian, Dr. Parastar</i>		
Analytical Quality by Design Approach in Development and Application of Chemometric Methods	<i>Prof. Hemmateenejad</i>	08:40-09:20
Robust Spectral Scatter correction	<i>Prof. Hamid Abdollahi</i>	09:20-10:00
Enhanced Data Point Importance for Variable Selection Multivariate Calibration Models	<i>Dr. Valizadeh</i>	10:00-10:30
	(Break) Poster session, Opening	10:30-11:00
<i>Chair: Prof. Abdollahi, Dr. Mani</i>		
Recent advances in the analysis of MS analytical data using the Regions of Interest Multivariate Curve Resolution (ROIMCR) method	<i>Prof. Roma Taller</i>	11:00 – 11:40
How can chemometrics enhance the utility of miniaturized spectroscopy and hyperspectral imaging in the analysis of complex samples?	<i>Dr. Parastar</i>	11:40-12:20
	Lunch Poster session 1st part	12:20-14:00

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Third section "scientific speeches"

Title

Presenter

Time

Chair: Prof. Abdollahi, Dr. Naseri

Breath volatilome analysis: A novel tool for diagnosing fatal diseases and following the response to the treatment

Dr. Mani

14:00-14:40

Use of penalized regression methods in QSAR studies

Prof. Arab

14:40-15:20

Advanced Chemometrics-Driven Screening Approach for Orange Juice Authentication Using Dual Handheld NIR Spectrometers

Ms. Ehsani

15:20-15:45

Chemometrics in Food Authentication

Dr. Esteki

15:45-16:05



(Break)

Poster session, 2nd part

16:05-16:30

Chair: Prof. Hemmateenejad, Dr. Parastar

Multitask modelling for QSAR and analytical applications

Prof. davide ballabio

16:30-17:10

Multivariate Curve Resolution as a Pretreatment Step in Multivariate Analysis of Variance

Ms. Najafloo

17:10-17:35





Source identification in crude oil samples by a couple of colorimetric paper- based E-nose and chemometrics data analysis techniques

Ms. Chaharlangai

17:35-18:00

Thursday, October 19, 2023

First section "scientific speeches"

Title	Presenter	Time
<i>Chair: Prof. Khayamian, Prof. Hemmateenejad</i>		
Slice-based Multivariate Calibration Strategy for Quantification of Polycyclic Aromatic Hydrocarbons in Oil Fractions by Means of GC×GC-TOFMS	<i>Ms. Piltan Eraghi</i>	08:00-08:25
Development of Colorimetric Sensor Array Based on Metal Ion Complexes for Discrimination and Adulteration Detection of Lime Juice Samples	<i>Ms. Esmaeili</i>	08:25-08:50
Rapid authentication and classification of grape seed oil using fluorescence spectroscopy combined with sparse classification and regression methods	<i>Ms. Rahmani</i>	08:50-09:15
	(Break) Poster session, 3rd part	09:15-10:00
	Workshop Poster session, 4th part	10:00-11:00
<i>Chair: Dr. Naseri, Dr. Mani</i>		
General structure-activity relationship patterns for the ligands of cyclin-dependent kinases as tools for virtual screening of PubChem database	<i>Ms. Kaveh</i>	11:00-11:25
Enhanced Data Point Importance for Efficient Data Splitting in Classification Models: Application to Olive Oil Authentication	<i>Ms. Zare</i>	11:25-11:50
	Lunch	12:00-13:30
 Closing ceremony	Closing	13:30-14:30