برنامه زمانی هشتمین سمینار دوسالانه کمومتریکس ایران

	چهارشنبه 19 آبان ماه 1400
	بخش اول
زمان	عنوان
08:00 – 08:10	قرائت قرآن، سرود ملی و اعلام برنامه 🔔
08:10 – 08:20	خوش‌آمد گویی و ارائه دبیر سمینار 📢
08:20 – 08:25	کلیپ معرفی دانشگاه تربیت مدرس 🎬
08:25 – 08:45	سخنرانی پیشکسوت کمومتریکس (پرفسور جلالی) 📢

8th Iranian Biennial Chemometrics Seminar

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چهارشنبه 19 آبان ماه 1400

بخش دوم "سخنرانی‌های علمی"

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زمان	سخنران	عنوان
08:50–09:30	**دکتر بهرام همتی نژاد**	Data preprocessing in colorimetric sensor array: why and how?
09:30–10:00	دکتر حسن یزدانپناه	The key role of chemometrics in rapid and innovative analysis for food authenticity using handheld visible and NIR spectroscopic techniques
10:00–10:15	شیوا پسران	Miniaturized Low-cost Paper-Based Electronic Noses for Discrimination of Volatile Organic Compounds by Chemometrics Method
10:15–10:30	مهدی مقتدر	Single-sensor voltammetry electronic tongue based on the pH variations and chemometrics preprocessing for the classification of the pharmaceutical samples by the neural networks
10:30–11:00	بخش پوستر قسمت اول	**P1-P10**
11:00–11:40	**دکتر هادی پرستار**	Quantitative mass spectrometry imaging: a journey from multivariate resolution to deep learning
11:40–12:20	**دکتر محمدرضا خانمحمدی**	Spline regression for multivariate calibration
12:20-12:35	سمانه احسانی	Ensemble learners combined with handheld near infrared spectrometer for detection of hydrogen peroxide adulteration in milk
12:35-12:50	امیر حسین علی نوری	Gaussian apodization factor analysis for Rank analyzing of Ion mobility spectra
12:50-13:05	فاطمه کیانی قلعه سردی	Preparation and characterization of activated carbon from palm bio-waste by H_3PO_4 for the simultaneous removal of Basic dyes in binary aqueous systems
13:05 – 14:00	بخش پوستر قسمت دوم --- نماز و ناهار 🍽	**P11-P20**

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بخش سوم "سخنرانی‌های علمی"

عنوان	سخنران	زمان
Non-target ROIMCR LC-MS study of the disruptive effects over time of TBT on the lipidomics of Daphnia magna	دکتر جمیله محمد جعفری	14:00–14:30
In Silico study of a group of antibiotics affinity toward aptamers for biosensor development	معصومه ناصری	14:30–14:45
Signal Contribution Effects on Error Propagation in Self-Modeling Curve Resolution Methods	سمانه طاوسی	14:45–15:00
Exploring the independence of feasible solutions in two-component hyperspectral imaging data using mutual information map	فاطمه سادات هاشمی نسب	15:00–15:15
How we can measure the uncertainties associated to Multivariate Curve Resolution solutions due to the combined effect of rotation ambiguities and experimental errors?	**Prof. Roma Tauler**	**15:15–16:00**
P21-P30	بخش پوستر قسمت سوم	16:00–16:30
Multivariate Curve Resolution (MCR) Modeling for Pattern Recognition	**دکتر حمید عبدالهی**	**16:30–17:10**
The effects of selectivity on accuracy of multivariate curve resolution (MCR) results	دکتر سمیه خدادادی کریموند	17:10–17:40
Descriptive Definition of Multivariate Calibration Model Vector	دکتر سمیه ولی زاده	17:40–17:55
Outliers detection map in analytical chemistry calibrations	فاطمه احمدیه	17:55–18:10
Comparison of perturbation and augmentation to solve rank deficiency problem	یاسمن سفیدسفیده خوان	18:10–18:25
P31-P40	بخش پوستر قسمت چهارم	18:25–19:00

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بخش اول "سخنرانی‌های علمی"

زمان	سخنران	عنوان
08:00–08:40	**دکتر مرتضی بهرام**	Classification of classification methods and some recent applications
08:40–09:10	دکتر سجاد قرقانی	Network pharmacology in drug discovery
09:10–09:25	زهرا پهلوان یلی	Theoretical cross-reactivity neutralizing study of some nanobodies for receptor binding domain (RBD) of SARS-CoV-2 using covid-19 molecular docking server
09:25–09:40	دکتر مرضیه سادات نی بند	Ligand-based virtual screening for isoform-selective histone deacetylase inhibitors (class I)
09:40–09:55	دلارام صالحپور کاهی	QSAR study & Molecular docking of matrix metalloproteinase inhibitory activity of hydroxamate derivatives by MIA-QSAR & using OSC-GA-PLS
09:55–10:30	بخش پوستر قسمت پنجم	**P41-P50**
10:30–11:10	**دکتر مریم خوشکام**	Context dependency of pretreatment methods in metabolomics studies
11:10–11:40	دکتر محمد جواد مسرور	Discriminating between patients with endometriosis and healthy women using gas chromatography-mass spectrometry and chemometrics techniques
11:40–11:55	دکتر نعیمه محسنی	A Colorimetric Chemical Nose with Unmodified Gold Nanoparticles for Multiplexed Detection and Discrimination of Catecholamine Neurotransmitteres
11:55–12:10	سمانه سادات مومن قزوینی	Prediction of RT-PCR results using multivariate investigation of important blood biomarkers in patients with covid 19
12:10–12:25	طه کفیلی حاجلاری	Comparison of prediction uncertainty in first order multivariate calibration methods
12:25–13:30	**P51-P60**	بخش پوستر قسمت ششم – نماز و ناهار 🍽

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بخش دوم "سخنرانی‌های علمی"

عنوان	سخنران	زمان
Analysis of Variance of Multivariate Data	**Prof. Beata Walczak**	**13:30–14:20**
Mixture QSAR/QSPR: a novel approach to define mixture descriptors	دکتر وحید زارع شاه آبادی	14:20–15:00
Classification/ clustering/ and /class modeling/ with applications in Metabolomics studies	**Prof. Federico Marini**	**15:00–15:45**
Application of Data Point Importance (DPI) Concept in Supervised and Unsupervised Pattern Recognition	زهرا زارع	15:45–16:00
Comparison of embryo culture medium samples in IVF with infrared spectrometry using successive projections algorithm (SPA) - sum of ranking differences (SRD)	دکتر شیما زندباف	16:00–16:15
Area of Feasible Figures of Merit (AF-FOMs) for second-order multivariate calibrations in MCR methods	فریبا نوروزیگانه	16:15–16:30
	اختتامیه ☛	16:30–17:00
	کارگاه شرکت پرتو افزار صنعت	17:00–18:30