

7th International Meeting on Chemometric and Quality
23-25 October 2018, Faculty of Science and Techniques, Fez Morocco

Meeting Programme

Tuesday, October 23 th , 2018	
15:00h-18:00h	Welcome & registration (Library: top floor)
Wednesday, October 24 th , 2018	
8:30h - 9:00h	Welcome & registration (Library: top floor)
9:00h- 9:30h	Official opening of the meeting
Chairperson: Prof. Said CHAKROUNE	
9:30h - 10:15h	PC1: El Mostafa QANNARI (ONIRIS Nantes): « Extensions de la méthode ComDim au contexte (K+1) tableaux et path modeling »
10:15h - 10:30h	OC1: Benoît JAILLAIS (ONIRIS Nantes): « Multispectral images and Chemometrics: Phenological study of wheat kernel »
10:30h - 10:45h	OC2: CHIKRI Mounim (FS Oujda) : « Discrimination des composés chimiques des huiles essentielles extraites de la plante médicinale Mentha suaveolens du Maroc Oriental par la chromatographie en phase gazeuse et la chimiométrie »
10:45h - 11:00h	Coffee break
Chairperson: Prof. Mohammed MBARKI	
10:30h - 11:15h	PC2: Mohamed HANAFI (ONIRIS Nantes - French): « Réseaux de tableaux »
11:15 - 11:45h	OC3: Reda RABIE (FST Fès) : « Using Near Infrared Spectroscopy coupled with machine learning and chemometrics tools to Estimate the Phosphorus level in Moroccan agriculture soils »
11:45h - 12:00h	OC4: Abderrahim BENAMAR (FST Béni Mellal): « Intérêt de la chimiométrie dans l'interprétation des données des analyses physicochimiques des eaux de la rivière Oum Er Rbia (Maroc) »
12:00h - 12:15h	OC5: Hafssa ELHASSAOUNI (FS Marrakech): « Principal Component Analysis of the Effect of the Environmental Factors on the Metals Concentration and the Essential Oil Yield of <i>Origanum grosii</i> »
12:15h - 12:30h	OC6: Taïbi LAMHASNI (FS Meknès): « Croisement de la fluorescence 3D et de l'analyse chimiométrique PARAFAC pour le suivi du gradient de la variation de la MOD dans les eaux de surfaces »
12:30 - 13:00	Poster session
13:00h - 14:30h	Lunch
Chairperson: Prof. Mohammed EL ASRI	
14:30h - 15:15h	PC3: Douglas RUTLEDGE (AgroParis Tech – French): «Comparison of Principal Components Analysis, Independent Components Analysis and Common Components Analysis»
15:15h - 16:00h	OC7: Hicham ZAROUAL (FST Fès): « Front face fluorescence spectroscopy enable rapid differentiation of Moroccan virgin olive oils with respect to their geographic origin, variety, harvesting period and agronomic and technological factors »
16:00h - 16:15h	OC8: Zineb MOURHAT (FST Béni-Mellal): «Characterization and discrimination of three Moroccan cultivars of virgin oliveoil ("Picholine","Menara" and "Hawziya") »
16:15h - 16:30h	OC9: Rabah OUMEDDOUR (Univ. Guelma – Algeria): « Chemometric approach to follow olive oil quality »
16:30h - 17:00h	Coffee break and poster session
Chairperson: Prof. Mohammed NOHAIR	
17:00h – 17 :15h	OC10: Raja AIT LHAJ (FST Fès): « Qualimétrie par les intervalles statistiques de tolérance de type β -content, γ -confidence d'une méthode LC-MS ² pour le dosage des pesticides dans le thé bio »
17 :15h – 17 :30h	OC11: Hasnaa HAIDARA (FST Fès): « Evaluation de l'incertitude de mesure de deux essais de dissolution par l'approche ISO GUM et la simulation de Monte-Carlo »

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Thursday, October 25th, 2018	
Chairperson: Prof. Fouad OUAZZANI CHAHDI	
9:00h - 9:45h	PC4: Michelle SERGENT (Aix Marseille Univ. French): « Quality By Design: a useful approach »
9:45h - 10:00h	OC12: Magalie CLAEYS-BRUNO (Aix Marseille Univ - French): « Construction d'un plan d'expériences uniforme dans des espaces et sous-espaces »
10 :00 - 10 :15h	OC13: Mohammed LAKEHAL-SENHAJI (FST Fès): « Anti-caking Compositions for Reducing Caking Tendency of Ternary Granular Fertilizers »
10 :15h – 10 :30h	OC14: Asmae EL AGRI (FST Fès): « Formulation of a new additive for elemental Sulphur dispersion in triple superphosphate fertilizer »
10:30h - 11:00h	Coffee break and Poster session
Chairperson: Prof. Mohammed BENZAKOUR	
11:00h - 11:45h	PC5: Abdelaziz BOUKLOUZE (FMP Rabat – Morocco): « Classification of API polymorphic Forms in Pharmaceutical Products by Associating FTIR, NIR and Raman to Univariate and Multivariate Tools: Fluconazole case study »
11:45h - 12:00h	OC15: Sara EL-MRABET (FST Fès): « Enhancing the decantation process of sludge from the beneficiation process of phosphate ore, by developing a new formulation of flocculant using mixture design methodology»
12:15h - 12:30h	OC16: Ridouane EL HAJJI (FST Fès): « Confirmation of the relevance of the estimation of uncertainty of measurement by uncertainty profile compared with some top-down approaches and Bottom-up approach "GUM" for the determination of rare earths in geological samples by ICP MS »
12:30h - 12:45h	OC17: Assia BELHASSAN (FS Meknès): « 3D-QSTR study of the aquatic toxicity of phenol derivatives to <i>Chlorella vulgaris</i> »
13 :00h- 14 :30h	Lunch
Chairperson: Prof. Fouad KHALIL	
14:30h - 14:45h	OC18: El Hassan EL ASSIRI (FSDM Fès): « DFT-based QSPR Study of Substituted Pyridazine Derivatives as Corrosion Inhibitors in Hydrochloric Acid »
14:45h - 15:00h	OC19: Mohamed NOHAIR (FST Mohammedia): « Validation Croisée des fonctions d'étalonnage d'une méthode d'analyse indirecte: Utilisation des réseaux de neurones »
15 :00h – 15 :15h	OC20: Chaymae JERMOUNI (FST Mohammedia): « Prediction of solubility of aliphatic alcohols using the restricted components of autocorrelation method and electro-topological indices by Kier and Hall for QSPR models »
15 :15h – 15 :30h	OC21: Meryem HRIMLA (FP Safi): « A joint experimental and computational study on the corrosion inhibition of mild steel by new 1,2,3-triazole heterocyclic compounds in hydrochloric acid »
15 :30h – 15 :45h	Closure

Instruction for poster presentation

The maximum size for the posters is 120 x 100 cm

The posters must be fixed to the board at the beginning of congress

Presenters should be available beside their posters during the corresponding session.