



جامعة سيدي محمد بن عبد الله بفاص
 +ⵓⴰⵍⴰⵎⴰⵏⴰⵏ ⵏ ⵏⵉⵙⴰⵏ ⵏ ⵏⵉⵙⴰⵏ ⵏ ⵏⵉⵙⴰⵏ ⵏ ⵏⵉⵙⴰⵏ
 UNIVERSITÉ SIDI MOHAMED BEN ABDELLAH DE FES
 المدرسة العليا للتكنولوجيا
 +ⵉⵙⴰⵏ ⵏ ⵏⵉⵙⴰⵏ ⵏ ⵏⵉⵙⴰⵏ ⵏ ⵏⵉⵙⴰⵏ
 ECOLE SUPÉRIEURE DE TECHNOLOGIE



INTERNATIONAL SYMPOSIUM ON MATERIALS, ENVIRONMENTAL SCIENCES, AND HYGIENE

ISMESH | May 7-8th, 2024

at the Higher School of Technology, Fez-Morocco



Natural
Resources and
Biotechnologies

Materials Science
and Process
Engineering

Environment,
Health, Hygiene
and Life Quality



ismeshest@gmail.com

Phone : +212669869466 (Pr. Sanae LAIRINI) / +212645832284 (Pr. Youssef MIYAH)

ORGANISATION COMMITTEE

PROFESSORS

AKHAZANE Mohammed (EST, USMBA)
ANIS Khalil (EST, USMBA)
ARRAHLI Abdellah (UEMF)
BELAABED Raja (EST, USMBA)
BELMIR Fouzi (EST, USMBA)
BOUDKHILI Meriem (EST, USMBA)
BOUSLAMTI Rabia (EST, USMBA)
CHAOUNI BENABDALLAH Aziz (EST, USMBA)
EL GAIDOUMI Abdelali (EST, USMS)
EL IMACHE Ahde (EST, USMBA)
EL-KHALFAOUY Redouan (FPT, USMBA)
EL KNIDRI Hakima (FST, USMBA)
EL OUALI LALAMI Abdelhakim (ISPITS)
ENNABILI Abdeslam (EST, USMBA)
KHERBECHÉ Abdelhak (EST, USMBA)
LAIRINI Sanae (EST, USMBA)
LOUKILI Abdellatif (EST, USMBA)
MEJBAR Fatima (EST, USMBA)
MIYAH Youssef (ISPITS)
TANJI Karim (FS, Ibn Tofail)
ZERROUQ Farid (EST, USMBA)

DOCTORS AND PHD STUDENTS

BENJELLOUN Mohammed (EST, USMBA)
BOUALAM Omar (EST, USMBA)
CHADLI Chaimae (EST, USMBA)
EL AMRANI Soukaina (EST, USMBA)
EL ALAMI Souad (EST, USMBA)
EL BRAHMI Karima (EST, USMBA)
EL GUEDDARI Leila (EST, USMBA)
EL MAIMOUNI Amine (EST, USMBA)
EL-HAFED Salma (EST, USMBA)
FARCHAKH Elarbi (EST, USMBA)
IBOUSTATEN El Mustafa (EST, USMBA)
IBAGHLIN Hanane (EST, USMBA)
KHARCHAFI Achaimae (EST, USMBA)
MARDI Lamyae (EST, USMBA)
NAHALI Loubna (EST, USMBA)
SSOUNI Salma (FMPMD, USMBA)
TAGNAOUTI MOUMNANI Fatn (EST, USMBA)
TAOUDA Amal (EST, USMBA)
Souhassou Hanane (EST, USMBA)

HONORARY COMMITTEE

- Mr. Wali of His Majesty King Mohamed VI of the Fez-Meknes region.
- Mr. Mayor of Fez city.
- Governors of the prefectures of the Fez Meknes region.
- President of University Sidi Mohamed Ben Abdellah.
- Director of the Higher School of Technology of Fez.
- Director of the CNRST.
- Director of the Higher Institute of Nursing and Health Techniques of Fez.
- Director of GPC Paper and Cardboard and Ain Soltane.
- Director of the Faculty of Nursing and Health Techniques-UEMF.
- Chairman and Managing Director of OZONE, Environnement et Services.
- Director of the Fez-Meknes Chamber of Agriculture.
- Director of the GRDD association.
- Director of the Mimosa Clinic in Fez.



SCIENTIFIC COMMITTEE

- ABRIAK Nor-Edine (IMT, Lille-France)
- AIT ADDI Abdelaziz (FS, UIZ, Agadir-Morocco)
- ARRAHLI Abdellah (INSA, EUROMED, Fez-Morocco)
- BELAABED Raja (EST, USMBA, Fez-Morocco)
- BELKHOUCHE Rajae (EST, USMBA, Fez-Morocco)
- BELMIR Fouzi (EST, USMBA, Fez-Morocco)
- BOUDKHILI Meryem (EST, USMBA, Fez-Morocco)
- BOUSLAMTI Rabia (EST, USMBA, Fez-Morocco)
- EL BAKALI Maryam (FPI, UAE, Morocco)
- EL GAIDOUMI Abdelali (EST, USMS, Khénifra-Morocco)
- EL-KHALFAOUY Redouan (FPT, USMBA, Fez-Morocco)
- EL OUALI LALAMI Abdelhakim (ISPITS, Fez-Morocco)
- ENNABILI Abdeslam (EST, USMBA, Fez-Morocco)
- ESQUIVIAS Luis (University of Seville, Spain)
- HAJJAJ Hassane (FS, UMI, Meknes-Morocco)
- HAMMOUTI Belkheir (UEMF, Fez-Morocco)
- KHERBECHÉ Abdelhak (EST, USMBA, Fez-Morocco)
- LAIRINI Sanae (EST, USMBA, Fez-Morocco)
- LOUKILI Abdellatif (EST, USMBA, Fez-Morocco)
- MEJBAR Fatima (EST, USMBA, Fez-Morocco)
- MERZOUKI Mohamed (FS, USMBA, Fez-Morocco)
- MIYAH Youssef (ISPITS, Fez-Morocco)
- NEJJARI Chakib (UEMF, Fez-Morocco)
- REMMAL Adnane (FSDM, USMBA, Fez-Morocco)
- SPINLER Henry Eric (AgroParis Tech, Paris-France)
- TANJI Karim (FS, Ibn Tofail, Kénitra-Morocco)
- ZERROUQ Farid (EST, USMBA, Fez-Morocco)



PRESENTATION

Thanks to its investment in scientific research and the development of multidisciplinary skills in the industrial, agri food, environmental, and hygiene sectors, Morocco has launched promising innovative initiatives and ambitious sustainable strategies to guarantee a healthy ecology and a better quality of life. For this purpose, several industrial executives accompanied by renowned researchers are organizing a major event entitled International Symposium on Materials, Environmental Sciences, and Hygiene in its first edition (May 7-8 2024 at the Higher School of Technology of Fez) to discuss and develop research on this theme and find environmentally friendly solutions to various issues threatening community health. This international symposium, organized by the Materials, Processes, Catalysis and Environment Laboratory (will allow academics and practitioners to meet and share ideas on these transitions and the new technological prospects they offer.



IN COLLABORATION AND PARTNERSHIP WITH :



ECOLE SUPÉRIEURE DE TECHNOLOGIE
BP 2427 ROUTE D'IMOUZZER 30000 FÈS
WWW.EST-USMBA.AC.MA



جامعة محمد السادس
 I. OUA ELI CALI TLETTA DI AGADEZ I. O. U
 UNIVERSITÉ MOHAMMED VI ABDELLAH DE FEZ
 جامعة محمد السادس
 ECOLE SUPÉRIEURE DE TECHNOLOGIE



INTERNATIONAL SYMPOSIUM ON MATERIALS, ENVIRONMENTAL SCIENCES, AND HYGIENE

ISMESH 2024
 Organized by the Materials, Processes, Catalysis and Environment Laboratory
 May 7-8

Higher School of Technology, Fez-Morocco



ismeshest@gmail.com
 Pr. Sanae LAIRINI : +212669869466
 Pr. Youssef MIYAH : +212645832284