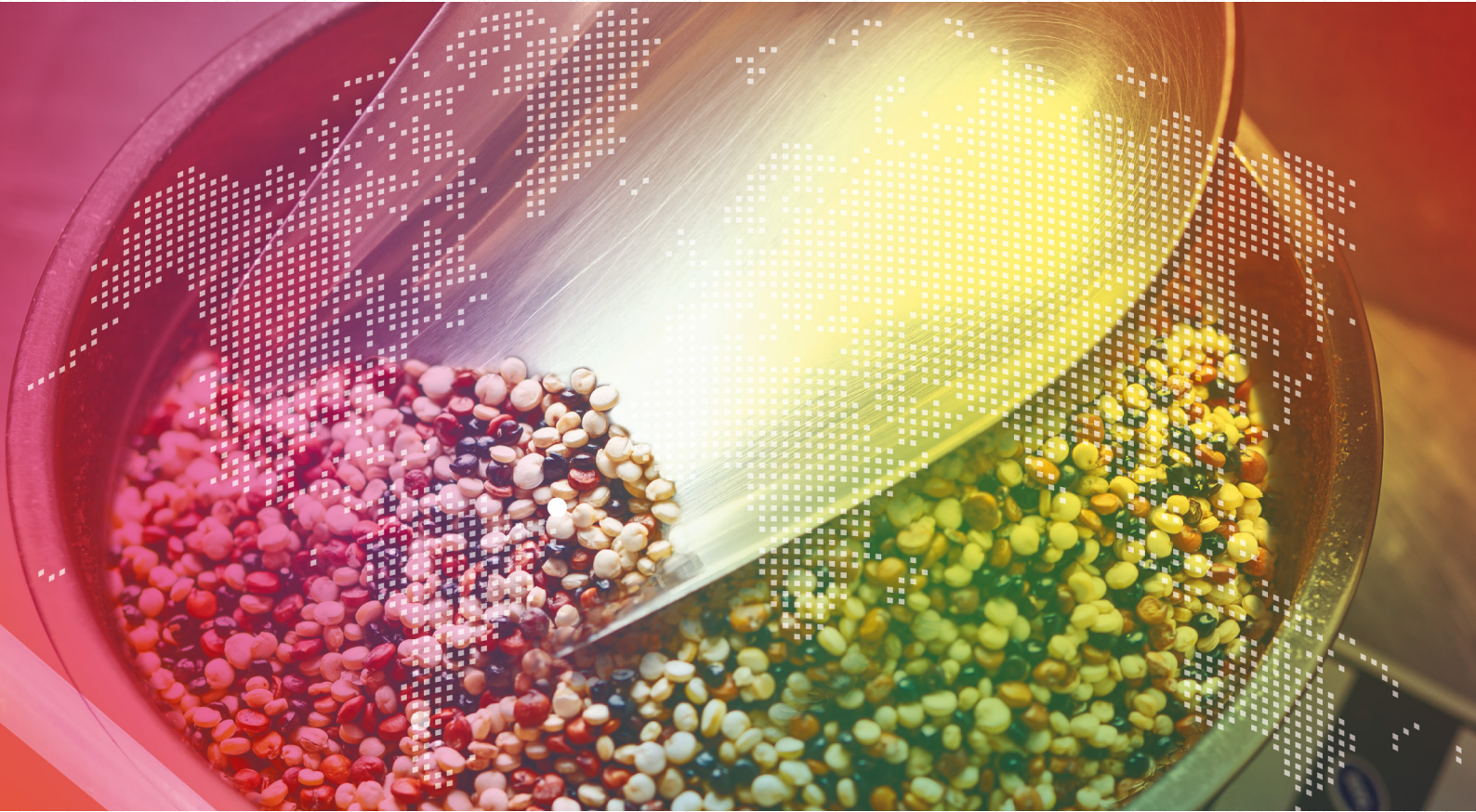




THE MINISTRY OF INDUSTRY AND ADVANCED TECHNOLOGY AND EMIRATES
METROLOGY INSTITUTE UNDER UMBRELLA OF ABU DHABI QUALITY AND
CONFORMITY COUNCIL

INVITE YOU TO JOIN THIS YEAR'S
WORLD METROLOGY DAY EVENT
"MEASUREMENTS SUPPORTING THE GLOBAL FOOD SYSTEM"
ON 18 MAY 2023 AT KHALIFA UNIVERSITY IN ABU DHABI



THE EVENT WILL SHOWCASE:

- THE METROLOGY INFRASTRUCTURE IN UAE
- WORLD METROLOGY DAY 2023
- THE ROLE OF METROLOGY IN FOOD
- CAMEL MILK POWDER ENRICHED WITH DATE EXTRACT
- NATIONAL NMI OF UAE AND ITS ROLE

JOIN US AS WE EXPLORE THE THEME OF "MEASUREMENTS SUPPORTING THE
GLOBAL FOOD SYSTEM" AND DISCOVER THE LATEST ADVANCES IN METROLOGY
THAT ARE HELPING TO ENSURE THE SAFETY, QUALITY, AND SUSTAINABILITY OF
OUR FOOD SUPPLY



AGENDA OF METROLOGY DAY EVENT

Khalifa University- Abu Dhabi
(18/05/2023) from 10:00 am – 11: 40 am

Under the theme
"MEASUREMENTS SUPPORTING THE GLOBAL FOOD SYSTEM"

SPEAKER	SUBJECT	TIME
ENG. AMINA ALBASTAKI Director of Metrology department in MOIAT	THE METROLOGY INFRASTRUCTURE IN UAE	10:00 – 10:15 am
DR. MARTIN MILTON Director of International Bureau of Weights and Measures (BIPM) (Recorded Speech)	WORLD METROLOGY DAY 2023	10:15 – 10:20 am
ENG. MOHAMMED ALMULLA Quality & Innovation senior specialist, Emirates Metrology Institute	NATIONAL NMI OF UAE AND ITS ROLE	10:20 – 10:35 am
DR. YOUSEF ALSAADI Director, Conformity affairs department in MOIAT	HOW TO BE A FOOD SCIENTIST	10:35 – 10:50 am
BREAK		10: 50 – 11: 10 am
DR. JAWAHER ALYAMMAHI researcher and research/teaching assistant at Masdar Institute and Khalifa University and member of the prestigious Golden Key International Honor Society	CAMEL MILK POWDER ENRICHED WITH DATE EXTRACT	11:10 – 11: 25 am
DR. FAWZI BANAT is a professor and chair of chemical engineering at Khalifa University, Abu Dhabi, UAE.		
KHALID ABDULLA MOHAMMED Food Studies, and Policies Section Manager in Dubai Municipality	ROLE OF METROLOGY IN FOOD	11: 25 – 11:40 am
PANEL DISCUSSION SESSION		11:40 am – 12:00 pm
CLOSING		

SPEAKERS

Engineer - Amina Albastaki, Director of the Metrology Department.

Amina has a bachelor's degree in food sciences & Industry from the United Arab Emirates University, with 20 years of experience in the field.

She also has a Certificate of Affiliation to the 4th Industrial Revolution program, and several specialized vocational certificates from international institutions. Amina is leading the National Legal Metrology Committee.

She has issued standards and regulations according to international standards in the field of Metrology.

She is also a key member in the team that played a vital role in Gulf met as president RMO obtaining recognition on Joint Committee for Regional body.

She represents the UAE as a member in several international forums such as:

- The International Committee of redefinition of the SI Unit
- president of the GulfMet
- Regional Steering Committee of the Legal metrology.



ENG. AMINA ALBASTAKI

Director of Metrology department

Dr Martin J.T. Milton Director of BIPM

- MA (1981) University of Oxford
- PhD (1990) Physics, University of Southampton
- MBA (1994) London Business School
- Finkelstein Medal (2016) Institute of Measurement and Control
- Joined the National Physical Laboratory (UK) in 1981, appointed as an NPL Fellow in 1998, prior to joining the BIPM in 2012 as Deputy Director
- Director of the BIPM since 1 January 2013
- Honorary Professor in the Department of Chemistry at the University of York (UK)
- Fellow of the Institute of Physics (UK)
- Fellow of the International Union of Pure and Applied Chemistry (IUPAC)
- Member of the Editorial Boards of Metrologia and Kaye and Laby
- Member of the Science Council of the European Measurement Research Programme (EMRP), the Scientific Council of INRIM (Italy) and the International Advisory Board of NIM (China).



DR. MARTIN MILTON

Milton Director of BIPM

Engineer Mohammed Almulla, Quality & Innovation senior specialist, Emirates Metrology Institute

Started his carrier as maintenance engineer at Dubai central laboratory Department (DCLD) of Dubai Municipality in 1989 later in 1998 promoted to head of Calibration and Maintenance Unit and helped in setting up the calibration laboratories of DCLD.

IN 2002 became the Head of Metrology Section of DCLD managed to earn UKAS accreditation for calibration laboratory at DCLD, and in 2006 served DM as Head of Consumer Material Section.

In 2007 moved to Emirates Standardization and Metrology Authority (ESMA) as Director of Metrology Department, participated in developing UAE Measurement System, participated in developing GCC Unified Metrology System.

In 2010 appointed as President of Gulf Regional Metrology Association (GULFMET). Member of Emirates Transport BOD, member of Union Traffic Council also holds many memberships in UAE National Committees as well as few technical committees in Gulf Standardization Organization (GSO).

In December 2014 moved to Abu Dhabi Quality and Conformity Council and till date serve as Quality Manager at Emirates Metrology Institute.



ENG. MOHAMMED ALMULLA

Quality & Innovation senior specialist,
Emirates Metrology Institute

SPEAKERS

Dr. Yousef Alsaadi, Director, Conformity Affairs Department

Dr. Yousef Alsaadi is a First Emirati Certified Food Scientist (CFS) and has a Ph.D. in Food Science from Food Science Institute, Kansas State University in Manhattan, Kansas. He is the Director of Conformity Affairs at the Ministry of Industry & Advanced Technology (MoIAT) in the United Arab Emirates. He has more than 25 years of experience in food science and food safety. His major research interests are rapid methods and automation in food safety and food microbiology.

He is a member of Emirates Nutrition Association the Institute of Food Technologists (IFT), the International Association for Food Protection (IAFP), the Society for Applied Microbiology (SFAM), the International Food Safety & Quality Network (IFSQN), and the Association for Talent Development (ATD).



DR. YOUSEF ALSAADI

Director, Conformity affairs department

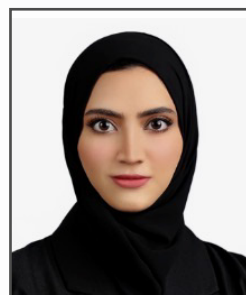
Dr. Jawaher AlYammahi, researcher and research/teaching assistant at Masdar Institute and Khalifa University. She is also a member of the prestigious Golden Key International Honor Society

Dr. Jawaher AlYammahi is a highly accomplished UAE national who obtained her PhD degree in Chemical Engineering from Khalifa University of Science and Technology in Abu Dhabi, UAE in 2023. Prior to her doctoral studies, she completed her BSc. and MSc. in Chemical Engineering from Petroleum Institute and Masdar Institute in 2016 and 2019, respectively.

Dr. AlYammahi's research interests lie in the areas of biomass valorization, plant biology, food processing, and food technology. Her master's thesis focused on studying the wild plant *Salicornia bigelovii* to provide data for the development of an accelerated molecular breeding program for the Seawater Energy and Agriculture System.

Her PhD research, conducted under the supervision of Prof. Fawzi Banat, focuses on the production of highly nutritious date sugar and camel milk fortification/encapsulation through advanced technologies.

Dr. AlYammahi's research has already been recognized with several awards, including the Excellence in Research Award in 2021 for her work on the production of nutritious date sugar through advanced extraction technologies. She has also been awarded certificates of recognition and appreciation for being an outstanding young researcher in the field of chemical engineering and for publishing in top 5% Journals.



DR. JAWAHER ALYAMMAHI

researcher and research/teaching assistant at Masdar Institute and Khalifa University and member of the prestigious Golden Key International Honor Society

Dr. Fawzi Banat is a professor and chair of chemical engineering at Khalifa University, Abu Dhabi, UAE.

He received his Ph.D. in chemical engineering from McGill University (Canada) in 1995. His research interests focus on food technology and engineering, material synthesis for membrane separation processes, and desalination. Dr. Banat is the author of more than 400 peer-reviewed journal articles, five patents, and 12 book chapters. He is co-editor of an Elsevier book on algal biotechnology. He has participated in several national and international projects (PI /co- PI) funded by various institutions and is an editorial board member of several journals. Prof. Banat has received several awards for his outstanding research achievements and was included in the list of the world's top 2% scientists by Stanford University (2020).



DR. FAWZI BANAT

is a professor and chair of chemical engineering at Khalifa University, Abu Dhabi, UAE.

Mr. Khalid Abdulla Mohammed, Food Studies, and Policies Section Manager in Dubai Municipality

Khalid working in Dubai Municipality – Food Safety Department - Food Studies and Policies Section from (2017 - until date)

Acting Food Studies and Policies Section Manager

Worked as a Head of Markets & Events Unit in Food Inspection Section.

Preparing and implementing work plans for collecting food samples, in addition preparing results studies related to samples of food products.

Collecting food samples in food establishment, stored in Chillers, and using inspection tools such Thermometers.



KHALID ABDULLA MOHAMMED

Food Studies, and Policies Section Manager in Dubai Municipality