

We cordially invite you to join the

1st webinar on Food Metrology – Food Authenticity -

which will be held on

Wednesday, 9th of March 2022 || 10:00-13:30


no registration needed, simply click on the link

<https://authgr.zoom.us/j/98717957820?pwd=ajJNK1RpMlZHVVUQ2SW1IRmdBRkE3Zz09>

Meeting ID: 987 1795 7820

Passcode: 136687

PROGRAMME

09:45–10:00	Getting connected to the platform
10:00-10:20	INTRODUCTION
10:00-10:05	Welcome <i>Dr. Stella Ordoudi, Researcher, School of Chemistry, Aristotle Univ. of Thessaloniki, GR</i>
10:05-10:20	METROFOOD-RI/METROFOOD-GR-An overview <i>Maria Tsimidou, Professor, Coordinator of the Greek Node, School of Chemistry, Aristotle Univ. of Thessaloniki, GR</i>
10:20-11:30	Session 1: Metrology & Food Authenticity challenges
10:20-10:40	Metrology in the adulteration of foodstuffs <i>Dr. Elias Kakoulides, Laboratory Head, Chemical Metrology Service, General Chemical State Lab./Hellenic Metrology Institute, Athens, GR</i>
10:40-11:00	Challenges and issues in measurement of natural products, food and pharmaceutical matrices <i>Andreana Assimopoulou, Assoc. Professor, Coordinator of the Nat-Pro Research Centre of Excellence, School of Chem. Engineering, Aristotle Univ. of Thessaloniki, GR</i>
11:00-11:20	Metrology in lipid hydroperoxides: The NMR perspective <i>Ioannis Gerothanasis, Professor Emeritus, NMR Center, Univ. of Ioannina, GR</i>
11:20-11:30	Q&D
11:30-11:40	

11:40-13:00	Session 2: Demonstration of applications
11:40-12:00	Discrimination of botanical origin of olive oil from selected Greek cultivars by SPME-GC-MS and ATR-FTIR spectroscopy combined with chemometrics <i>Dr. Panagiota-Kyriaki Revelou, Postdoctoral Researcher, Dept. Food Science & Human Nutr., Agric. Univ. of Athens, GR</i>
12:00-12:20	Authentication of wine by FT-IR <i>Dr. Marianthi Basalekou, Scientific Associate, Dept. Food Science & Human Nutr., Agric. Univ. of Athens, GR</i>
12:20-12:40	Presentation of the FoodOmics GR database <i>Dr. Dritan Kodra, Postdoctoral Researcher, School of Chemistry, Aristotle Univ. of Thessaloniki, GR</i>
12:40-13:00	Metrological issues in FTIR-based applications for the detection of saffron adulteration with synthetic dyes <i>Dr. Stella Ordoudi, Researcher, School of Chemistry, Aristotle Univ. of Thessaloniki, GR</i>
13:00-13:30	Q&D
	Closure

For more information on the WEBINAR and the Infrastructure, please visit: www.metrofood.gr



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METROFOOD-RI -Infrastructure for promoting Metrology in Food and Nutrition is a new distributed Research Infrastructure aimed to promote scientific excellence in the field of food quality and safety.

It provides high-quality metrology services in food and nutrition, comprising an important cross-section of highly interdisciplinary and interconnected fields throughout the food value chain, including agrifood, sustainable development, food safety, quality, traceability and authenticity, environmental safety, and human health.

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