
SECOND RESEARCH
COORDINATION MEETING

ON THE

IMPLEMENTATION OF
NUCLEAR TECHNIQUES
TO IMPROVE FOOD
TRACEABILITY



Lisboa, FCUL

May 26 - 30, 2014

WIRELESS INTERNET ACCESS AT FCUL

Free wireless internet access will be available for all participants.

User/Login: Lisbon@alunos.fc.ul.pt

password: FoodTrace2014

Wireless configuration:

Network: eduroam

Security: WPA2-Enterprise

Encryption: AES

Validate server certificate: NO

EAP MSCHAPv2 Properties: de-select

If you require specific tutorials for your operating system, please address the organization.

PROGRAM

Day 1: Monday, 26 May 2014		
08:00	Registration.	All
09:00	Welcome & Opening Address.	Christina Maguas, Russell Frew
09:45	Introductions and Presentation of Participants.	All
09:55	Election of Chairperson and Rapporteur.	All
10:00	Adoption of Agenda.	All
10:05	CRP objectives and scope of the RCM.	Russell Frew, IAEA
<i>10:30</i>	<i>Break</i>	
Session 1: Contract Holder Presentations (Summary of work done to date and future work plan meeting the objectives of the CRP).		
11:00	Chromatographic, Mass Spectra and Elemental Fingerprinting to Establish Provenance of Chilean Carmenere Wine	Nuri Teresa Gras Rebolledo, Chile
11:45	Stable Isotope Ratio Method to Detect Addition of Soybean Proteins in Milk Product	Liuwei Zhao, China
12:30	<i>Lunch / Administrative Arrangements</i>	
14:00	Implementing Traceability Using Nuclear and Molecular Techniques for Foods and Feeds in India	Dileep Kumar Singh India
14:45	Proof of Quality and Origin of Lebanese Wine (and Olive Oil) by Trace Elements and Radionuclides Measurement	Rola Bou Khozam Lebanon
<i>15:30</i>	<i>Break</i>	
16:00	Tracing the Geographic Origin and Feed History of Poultry and Eggs Using Strontium and Oxygen Isotopic Signatures	Thomas Walczyk Singapore
<i>16:45</i>	Multi-element composition and stable-isotope ratio analysis for tracing the geographic origin of Argan Oil in Morocco	Fouad Taous
<i>17:30</i>	<i>End of Day 1</i>	

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Day 2: Tuesday, 27 May 2014		
08:45	Summary of Day 1	Russell Frew, IAEA
09:00	Detection of adulteration in super basmati rice and its geographic origin by estimating stable isotope and trace element ratios	Muhammad Arif Pakistan
09:45	Determination of Isotopic Composition and Elemental Concentration in Rice by Nuclear and ICP-AES Techniques	Arporn Busamongkol Thailand
<i>10:30</i>	<i>Break</i>	
11:00	Using isotope and trace element fingerprinting to enhance paper food traceability and exploration of cheaper traceability techniques for adaptation in developing countries	Archileo Kaaya Uganda
11:45	Application of Robust Stable Isotope Technique for Tracing the Origin of Organic Meat, Tea and Authenticity of Honey in China	Zhihua Ye, China
12:30	<i>Lunch</i>	
14:00	Discussion of the work done during the first phase	All
14:30	Statistical methods for data interpretation	Anders Norgaard
15:30	Break	
15: 50	Statistical methods for data interpretation cont.	Anders Norgaard
17:00	<i>End of day 2</i>	

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Day 3: Wednesday, 28 May 2014		
08:45	Summary of Day 2	Russell Frew, IAEA
09:00	Elemental and isotopic fingerprinting using ICP-MS	Thomas Prohaska, Austria
09:45	You are what you eat, isotopically - and geographically	Lesley Chesson, USA
10:30	Break	
10:45	Nuclear and other techniques applied to food authenticity and origin	Simon Kelly, UK
11:30	Stable Light Isotopes (C, N, O, S, H) by IRMS for Food Traceability	Cristina Máguas, Portugal
Session 3: Preparation of Work Plans, Recommendations and Meeting report.		
12:15	Formation of working groups <i>Group 1:</i> <i>Group 2:</i>	Chairperson and Agreement Holders
12:30	Lunch Break	
14:00	Application of Stable Isotopes for assessing Portuguese Wine Genuineness: a first approach	Ana Janeiro, Portugal
14:45	Working Session 1: to identify tasks for the 4th year of the project. <i>The tasks may include comparative assessment; benchmarking; exchange of data; cooperation in method development, etc.</i> The outputs of this session are expected to be written suggestions for certain tasks to be performed by participants of each group – actually, a plan for coordinated research for the next phase of the project	All
15:30	Break	
15:45	Working Session 1:continued	
16:30	Drafting Session 1. The objective of this session is to prepare presentations (one for each group) of the findings of Working Session 1.	All
17:00	End of Day 3	

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Day 4: Thursday, 29 May 2014		
08:45	Summary of Day 3	Russell Frew IAEA
09:00	Drafting Session. The objective of this session is to prepare presentations (one for each group) of the findings of Working Session 1.	Agreement Holders and participants of groups
09:30	Presentation of Group 1, Q&A	Chairperson of Group 1
10:00	Presentation of Group 2, Q&A	Chairperson of Group 2
10:30	Break	
11:00	Round Table discussions on issues which arose during the presentations	All
12:30	Lunch	
14:00	Poster Session	All
15:00	Break followed by visit to Laboratory	All
17:15	End of Day 4.	
Day 5: Friday, 30 May 2014		
08:45	Summary of Day 4	All
09:00	Discussion on the conclusions and recommendations of the meeting.	
10:30	Break	
10:45	Finalizing conclusions and recommendations	All
11:30	Any Other Business	
12:00	Closing Remarks and End of Meeting.	
12:30	Lunch followed by visit to botanic garden and Porto wine taste	

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