

Thursday, March 8

- 9:00 – 9:30 **Opening remarks G. Erny, K Marcus, A. Alves**
- 9:30 – 10:00 **Peter Myers (cancelled)**
Department of Chemistry, University of Liverpool, Liverpool, UK
DYNAMIC SWITCHING OF LIQUID CRYSTALS FOR THE DETECTION OF VOLATILE ORGANIC COMPOUNDS
- Pedro Pombo**
Fábrica Centro Ciência Viva de Aveiro, Portugal
DÓING AT FÁBRICA CIÊNCIA VIVA: A MAKERSPACE FOR DEVELOPMENT AND DISSEMINATION OF OPEN SOURCE HARDWARE
- 10:00 – 11:00 **Krisjanis Smits (WG Leader)**
Institute of Solid State Physics, University of Latvia, Latvia
PRESENTATION OF WG1: VALIDATION AND DISSEMINATION OF OPEN SOURCE HARDWARE
- Joana Gonçalves-Sá**
Instituto Gulbenkian de Ciência, Portugal
LAB IN A SUITCASE
- Eva Menart**
National Museum of Slovenia, Ljubljana, Slovenia
AN ELECTROLYTIC PENCIL FOR THE LOCAL IDENTIFICATION OF CORROSION PRODUCTS ON HERITAGE METAL SURFACES
- Michel W.F. Nielen**
Wageningen University, Wageningen, The Netherlands
SMARTPHONE ANALYZERS FOR ON-SITE TESTING OF FOOD QUALITY AND SAFETY
- 11:00 – 11:30 **Coffee break**
- 11:30 – 12:30 **Massimo Panella (WG Leader)**
Dept. of Information Engineering, Electronics and Telecommunications, Univ. of Rome "La Sapienza", Italy
PRESENTATION OF WG2: INFORMATION AND COMMUNICATION TECHNOLOGY AND SOFTWARE DEVELOPMENT
- Jakub Sandak**
Renewable Materials and Healthy Environments Research and Innovation Centre of Excellence, Izola, Slovenia
LOW-COST PORTABLE SPECTROSCOPIC SENSORS FOR THE FOREST AND WOOD INDUSTRIES
- Saverio De Vito**
ENEA, C.R. Portici, Lab. DTE-FSN-DIN, Naples, Italy
LOW COST AIR QUALITY MEASUREMENTS WITH CROWDFUNDED MULTISENSOR PORTABLE NODES
- Teresa Serra**
iBET - Instituto de Biologia Experimental e Tecnológica, Oeiras, Portugal
FTIR-ATR AS A TOOL TO PREDICT CHEMICAL PARAMETERS IN DIFFERENT FOOD SAMPLES

12:30 – 13:30 **Lunch break**

13:30 – 14:30 **Christian Degrigny (WG Leader)**

Haute Ecole Arc Conservation-restauration, Neuchâtel, Switzerland

PRESENTATION OF WG3: FIELD TESTS AND APPLICATIONS

Blaž Stres

Biotechnical Faculty, University of Ljubljana, Ljubljana, Slovenia

PORTABLE HIGH-THROUGHPUT DEVICES FOR MEASUREMENTS OF MEDICALLY AND INDUSTRIALLY RELEVANT ANAEROBIC MICROBIAL ACTIVITIES

Daniel Parzy

Biology Department – K-Plan – Marseille – France

ULTRAMOBILE DEPLOYABLE LABORATORY: DECISION SUPPORT

Piret Saar-Reismaa

Tallinn University of Technology, Tallinn, Estonia

PORTABLE CAPILLARY ELECTROPHORESIS WITH FLUORESCENCE DETECTION USING DEEP UV EXCITATION FOR ILLEGAL DRUG USE

Nikola Sakac

Faculty of Geotechnical Engineering, University of Zagreb, Croatia

POTENTIOMETRIC CHEMICAL SENSORS FOR SURFACE ACTIVE AGENTS IN INDUSTRY AND ENVIRONMENT

14:30 – 14:50 **Break**

14:50 – 15:50 **Eleftheria Psillakis (WG Leader)**

School of Environmental Engineering, Technical University of Crete, Chania, Greece

PRESENTATION OF WG4: SAMPLE TREATMENT AND MICROFLUIDIC

Francisco Pena-Pereira

Analytical and Food Chemistry Department, University of Vigo, Spain

NOVEL SENSING PLATFORMS BASED ON MICROEXTRACTION METHODOLOGIES FOR MICROVOLUME SPECTROMETRIC ANALYSIS

Ivo Safarik

Department of Nanobiotechnology, Ceske Budejovice, Czech Republic

MAGNETIC TEXTILE SOLID PHASE EXTRACTION FOR THE PRECONCENTRATION OF TARGET ANALYTES

Pinar Cakir Hatir

Istanbul Arel University, İstanbul, Turkey

SYNTHESIS OF MOLECULARLY IMPRINTED POLYMERS FOR SOLID PHASE EXTRACTION OF QUERCETIN

Lorena Dieguez

International Iberian Nanotechnology Laboratory, Braga, Portugal

LABEL-FREE ISOLATION OF TUMOR CELLS FROM BODY FLUIDS AND MULTIPLEX ANALYSIS ON A CHIP

15:50 – 16:30 **Coffee break**

16:30 – 17:30 **Rita Asquini (WG Leader)**

Dept. of Information Engineering, Electronics and Telecommunications, Univ. of Rome "La Sapienza", Italy

PRESENTATION OF WG5: NEW INSTRUMENTATION

Petr Kuban

CEITEC Masaryk University, Brno, Czech Republic

PORTABLE CAPILLARY ELECTROPHORESIS INSTRUMENTATION FOR POINT OF CARE DIAGNOSTICS: DEVELOPMENTS TOWARDS AN OPEN CE PLATFORM

Vaclav Kasicka

Czech Academy of Sciences, Laboratory of Electromigration Methods, Prague, Czech Republic

HOME-MADE INSTRUMENTATION FOR CAPILLARY ELECTROMIGRATION METHOD.

Hadar Ben-Yoav

Department of Biomedical Engineering, Ben-Gurion University of the Negev, Israel

ELECTROCHEMICAL LAB-ON- A-CHIP INTEGRATED WITH BIOELECTRONIC FILMS FOR REAL-TIME PROBING OF BIOMARKERS IN BIOFLUIDS

20:00 -24:00 **CONFERENCE DINNER**

Casa Agrícola, Rua do Bom Sucesso 241, Porto 4150-150

Friday, March 9

9:30 – 10:00

Chair: Mercedes Vazquez (ViceChair)

SENSING TECHNOLOGIES

Raffaele Velotta

University of Naples" Federico II" –Department of Physics, Italy

PHOTOCHEMICAL IMMOBILIZATION TECHNIQUE FOR BIOSENSING

Weng Kung PENG

International Iberian Nanotechnology Laboratory, Braga, Portugal

THE NEXT GENERATION OF MOLECULAR PHENOTYPING IN HEALTH AND DISEASE

10:00 – 10:30

Lorena Vidal

Analytical Chemistry, Nutrition and Bromatology, University of Alicante

PRESENTATION OF WG6: EXPLOITATION OF RESULTS

José Avelino Silva

Faculty of Engineering, University of Porto, Porto, Portugal

SUBMITTING YOUR TRR

Nuno Ratola

Faculty of Engineering, University of Porto, Porto, Portugal

RULES FOR STSM

Asta Tvarijonavičiute

InterLab-UMU, University of Murcia, Spain

DISSEMINATION TOOLS

10:30 - 11:00

Coffee break

11:00 – 13:00

Working Group Meetings

13:00 – 14:00

Lunch break

14:00 – 18:00

Management Committee Meeting (Agenda to be finalized)