CONFERENZA INRIM: presente e futuro della metrologia per la salute

20 Maggio 2021

www.worldmetrologyday.org

WORKSHOP

Sala 1: Salute e Metrologia: viaggio tra diagnostica e tecniche terapeutiche

14.10 - 16.10
Presentazione del workshop

14.20 - 15.20
MRI safety for patients carrying implants
Shane Dwyer (Brian Medical Ltd)

15.25 - 16.20
Magnetic resonance-based electric properties tomography
Alessandro Amidei (INRIM)

16.25 - 17.20
Magnetic hyperthermia: nanomaterials and nanoimaging
Massimo Ceccon (INRIM)

17.25 - 18.20
Magnetic hyperthermia: in vitro experiments for guided nanoimaging design and pre-clinical tests
Patrizia Peroni (INRIM)

18.25 - 19.20
A neurological approach to the physical monitoring of nanomaterials: induced by magnetic field delivery
Gianluca Pellecchia (University of Trieste)

19.25 - 20.20
Live intensity-aided assessment for MRI-guided drug release
Emanuele Ratti (University of Trieste and I.R.C.C.S. National Neuroscience Institute of Trieste)

20.30 - 21.30
Tavola di discussione

Sala 2: Salute e Metrologia: viaggio tra sicurezza alimentare, virus e microscopia avanzata

14.10 - 16.10
Presentazione del workshop

14.20 - 15.20
Quantum Sensing with color centers in diamond
Zarina Bardon (INRIM)

15.25 - 16.20
Active materials with antioxidant and antioxidant properties
Claudia Perino (INRIM)

16.25 - 17.20
Determination of sulfur dioxide allergen in food
Fabiana Giardino (INRIM)

17.25 - 18.20
Contribution of Raman spectroscopy and Raman microscopy for rapid analysis of freshness, aroma and ripeness
Albana Sallit (INRIM)

18.25 - 19.20
SARS-CoV-2 DNA quantification by digital PCR: a multiparametric approach
Gianluca Pellecchia (University of Trieste)

19.25 - 20.20
Advanced Biotechnology techniques for tissue engineering and biomaterials: applications
Serena Zaggia (INRIM)

20.30 - 21.30
Tavola di discussione

DIRETTA SOCIAL INRIM ricerca e salute

17.30 - 19.30

Meterological Event: scientifics and citizens involved in the analysis of health

Gianluca Giordano (INRIM)

La metrologia e la sicurezza sanitaria: controllo della metrologia per la radioterapia

20.30 - 21.30

Speranza Zaggia (INRIM)

Metrology alimentary: scientifics and citizens involved in the analysis of health

Laura Lusvardi (INRIM)