THIRD "PON SEMINARS" DAY

FRIDAY
APRIL 21
2023

ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
DEPARTMENT OF MATHEMATICS

PON
RICERCA E INNOVAZIONE
2014 - 2020

In presence:
Math Dept
room Bombelli 3rd floor

On-line:
MS Teams

FOOD QUALITY ANALYSIS WITH TIME DOMAIN NMR AND AI-DRIVEN MATHEMATICAL MODELS

PROGRAM

10:15
Opening

10:20 - 11:00
Zeev Wiesman
Ben-Gurion University of the Negev

AI LF-NMR Sensor Application for Profiling Structural Changes of Oxidized Food Products

11:00-11:40
Philippe Bodart
Université de Bourgogne

NMR and Wine

11:40 - 12:10
Coffee Break

12:10 - 12:40
Carlo Mengucci
DISTAL Università di Bologna

Raw Data and Data Integration in TD-NMR Studies of Food Structure: the Machines are Learning; Are We?

12:40 - 13:10
Leonardo Brizi
DIFA Università di Bologna

Low-Field Nuclear Magnetic Resonance Fingerprinting aided by Artificial Intelligence - Proof of Concept

15:30 - 16:00
Giovanni Vito Spinelli
MAT Università di Bologna

Model Free FFC and Mupen2D Software Tools

16:00
Conclusion