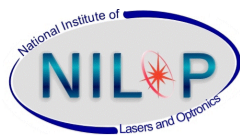
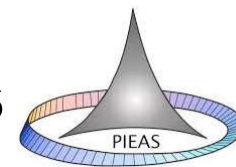


One day seminar

on



Optical Methods for Food Quality Analysis



March 14, 2023

Organized by

Agri. & Biophotonics Division

National Institute of Lasers and Optronics College,

Pakistan Institute of Engineering and Applied Sciences, Nilore, Islamabad

Seminar on Optical Methods for Food Quality Analysis aims to bring together leading academic scientists and researchers from research institutes to exchange and share their experiences and research results on all aspects of Optical Methods for Food Quality Analysis. In addition, instrumental developments made by NILOP will be presented/displayed to seminar participants. It also provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Optical Methods for Food Quality Analysis.

Scope of Seminar

- Optical methods/instrumentations development for the determination of food quality and their edge on conventional methods
- Chemometrics for food quality analysis
- Multivariate methods for quantitative analysis - food authentication
- Innovative optical methods for detection of food contaminants, ingredients, and additives
- Optical techniques for food shelf life monitoring
- Optical sensing for food quality
- Optical methods to increase food shelf life

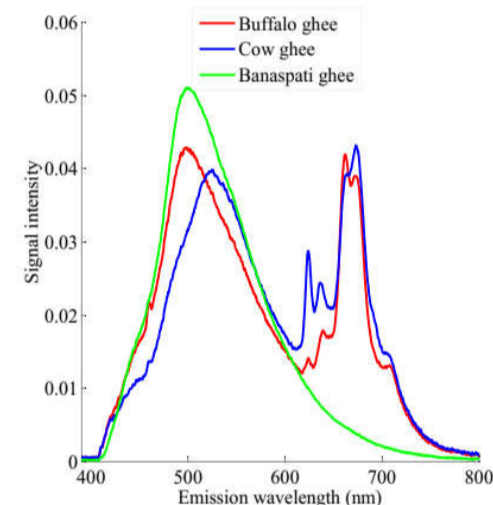


Call for Contributions

Prospective researchers are kindly encouraged to contribute to shape the seminar through submissions of their high quality research contributions in all areas of Optical Methods for Food Quality Analysis for oral & poster presentation at the conference. High quality research abstracts will be published as outcomes of the seminar.

Objectives

- Understanding of fundamental background on interaction of light with biological media.
- Broad overview of the state-of-the-art topics and cutting-edge research in the area of optics and lasers in food technology.
- Training of researchers for data handling, statistical analysis, and results interpretation.
- Basic training on handling MatLab programming software as a research tool for data handling.



Eligibility

- PhD/MS/MPhil students & faculty (Physics, Chemistry, Biology, Biotechnology, Animal Sciences, Agricultural Sciences, Poultry Sciences)



Ultraviolet light extend shelf life of food and reduce waste



Registration

Please send your CNIC (both sides) and one page CV to salim569mail@gmail.com

Seminar coordinator

Dr. Muhammad Saleem, Deputy Chief Scientist

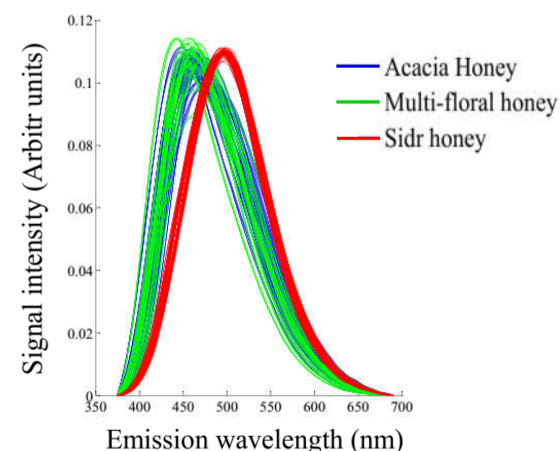
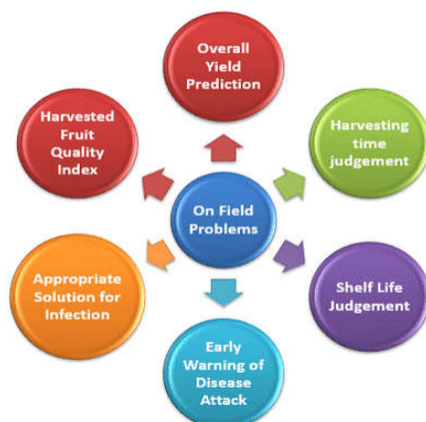
E-mail: salim569mail@gmail.com

Phone: 051-9248689/03335420918

Participation fee: Rs. 500

(Fee will cover meal and refreshments)

Fee will be collected at the registration counter



Sponsored by

Pakistan Science Foundation

Deadline
28th February, 2023