

**IEEE International School of Imaging
School Lectures**

AGENDA

Monday, Oct 3

7:00 PM -10:00 PM

Reception Dinner

Tuesday, Oct 4

7:30 AM-8:30 AM

Registration

8:30 AM-8:40 AM

Welcome Message from the General Chair

Ballroom A

8:40 AM-9:00 AM

Welcome Message from the Local Chair

Ballroom A

International School of Imaging

9:00 AM-10 AM

Lecture 1:

Suman Shrestha

"Towards Standardization of X-ray Beam Filters for use in Digital Mammography and Digital Breast Tomosynthesis".

University of Massachusetts

Boston, USA

Ballroom A

Lecture 2:

Selina Kolokytha

“Airport baggage screening: X-ray imaging: challenges and ideas”

Swiss Federal Laboratories for Materials Science and Technology

Switzerland

Ballroom B

10:00 AM-11:00 AM

Lecture 3:

Costas Balas

“New developments in hyperspectral technology add new dimensions in biomedical imaging and in Non-Destructive Testing”

Technical University of Crete

Chania, Greece

Ballroom A

Lecture 4:

Lijun Xu

"TDLAS tomography and application in combustion flame monitoring"

Beihang University

Beijing, China

Ballroom B

11:00 AM-11:20 AM

Coffee Break

11:20 AM-12:20 PM

Lecture 5:

George Giakos, Panagiotis Pachis, Lina Bengtson, Joseph B. Majeski & Michael Surovich

“Bioinspired Unmanned Robotic Vision Systems: Technical Challenges, and Market Forecast”

Manhattan College

New York, USA

Ballroom A

Lecture 6:

Dimitrios I. Fotiadis
“Cardiovascular Imaging Informatics”
University of Ioannina/FORTH
Ioannina, Greece
Ballroom B

12:20 PM-1:20 PM

Lecture 7:

Matteo Pastorino
“Potentialities of Microwave Imaging Techniques for Brain Stroke
Detection”
University of Genoa,
Genoa, Italy
Ballroom A

Lecture 8:

Vangelis Sakkalis
“Integrating in vitro/in vivo experiments and imaging techniques with
computational models to enhance personalized tumor growth
predictions”
FORTH
Heraklion, Greece
Ballroom B

7:30 PM-10 PM

Official Dinner

Wednesday, Oct 5

14:30 - 15:30 PM

Lecture 9

Wuqiang Yang
“Current status of industrial tomography”
University of Manchester,
Manchester, UK
Ballroom B

Thursday, Oct 6

8:10 AM-9:00AM

Lecture 10:

Konstantinos Marias

“Computational and image analysis challenges for assessing tumor environment with perfusion”
and diffusion MRI

FORTH

Heraklion, Greece

Ballroom A