

Thursday, May 16, 2024

Address: Mimar Kemalettin Hall, Rectorate Building of Gazi University

09:00 – 09:30

Opening Ceremony

Prof. Süleyman Özçelik

Conference Chair

Director of Photonics Application and Research Center, Gazi University, Ankara, Türkiye

Prof. M. Öcal Oğuz

President of Turkish National Commission for UNESCO

Prof. Musa Yıldız

Rector of Gazi University, Ankara, Türkiye

Session 1

Chair: Prof. Yashar Azizian-Kalandaragh

Department of Photonics, Faculty of Applied Sciences, Gazi University, Ankara, Türkiye

09:30 – 10:20

Plenary Speaker / Prof. Luis L. Sánchez-Soto

Faculty of Physics, Complutense University of Madrid, Spain

Title of talk: Quantum Superresolution in Time and Frequency

10:20 – 10:40

Coffee Break

10:40 – 11:10

Invited Speaker / Prof. Halime Gül Yağlıoğlu

Department of Physics, Ankara University, Ankara, Türkiye

Title of talk: Ultrafast Spin Dynamics

11:10 – 11:40

Invited Speaker / Prof. Ihor Pavlov

Middle East Technical University, Ankara, Türkiye

Title of talk: Frontiers in Fiber Lasers and their Applications

11:40 – 12:10

Invited Speaker / Dr. Daryoush Abdollahpour

Department of Physics, Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, Iran

Title of talk: Light-sheet Fluorescence Microscopy: The Need for Speed and Quality

12:10 – 13:30

Lunch Break

Session 2

Chair: Prof. Mehmet Çakmak

Department of Photonics, Faculty of Applied Sciences, Gazi University, Ankara, Türkiye

13:30 – 14:20

Plenary Speaker / Prof. Hamidreza Khesalifard

Department of Physics, Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, Iran

Title of talk: Optical remote sensing of aerosols that may raise from the dried lake beds

14:20 – 14:50

Invited Speaker / Dr. Özgür Selimoğlu

Department of Engineering, Ankara University and Poloptech Company, Ankara, Türkiye

Title of talk: Optical Production Technics and Considerations for Manufacturable Design

15:10 – 15:40

Invited Speaker / Dr. Devrim Anıl

ASELSAN Microelectronic Guidance and Electro Optic Sector, Türkiye

Title of talk: Future of the Optical Design and Electro Optics at ASELSAN

15:40 – 16:00

Coffee Break

Session 3

Chair: Dr. İsa Hatipoğlu

Department of Photonics, Faculty of Applied Sciences, Gazi University, Ankara, Türkiye

16:00 – 16:40

Invited Speaker / Prof. Alexey Andrianov

Quantum Confined Intense Light Laboratory, Institute of Applied Physics of the Russian Academy of Sciences

Title of talk: Multicore optical fibers with coupled cores for high-peak-power amplification, nonlinear pulse compression, and wavelength conversion

16:40 – 17:10

Invited Speaker / Prof. Arash Sabatyan

Department of Physics, Urmia University, Iran

Title of talk: Capability of Zone-Based Diffractive Elements in Shaping and Structuring optical beams

17:10 – 17:40

Invited Speaker / Dr. Muhammet Zeki Güngördü

Electrical and Electronic Engineering, Iğdir University, Türkiye

Title of talk: Deep Learning Assisted Design of Metamaterial-Based Terahertz Polarizer