



ZPH*TECH

Talks on Photonics Science and Technology @ IZTECH

2024

IZPHOTECH 2024 PROGRAM

October 21, Monday

09:00 – 09:30 Opening Speeches

09:30 – 10:30 Martin Byrdin - Impact of Triplet State Population on GFP-type Fluorescence and Photobleaching

10:30 – 11:00 Coffee Break

11:00 – 12:00 Kivılcım Yüksel - Fiber optic sensor applications

12:00 – 13:00 Tawfique Hasan - Miniaturization of Optical Spectrometers

13:00 – 14:00 BREAK

14:00 – 15:00 Bengü Özuğur Uysal - Thin Films in Photonics

15:00 – 16:00 Yiğit Ozan Aydın - High Power Fiber Laser Sources near 3 μm : Applications, Advances and Challenges

16:00 – 17:00 Ayşe Turak - Synergizing Stability and Precision: Harnessing Diblock Copolymer Reverse Micelle Templating for Tailored Perovskite Core-shell Nanoparticles

17:00 – 18:00 Fırat Yaşar - From Gravity Gradiometers to X-ray Space Telescopes: Photonic Systems Pioneering Space Missions

October 22, Tuesday

09:00 – 10:00 İsa Hatipoğlu - Solar-Blind Photodetection and Its Applications

10:00 – 11:00 Mihai Irimia-Vladu - The avenue to “Green” in Organic Bioelectronics

11:00 – 12:00 Maria Khrenova - Molecular Modeling in Photophysics and Photochemistry of Biomolecules

12:00 – 12:30 Poster Award Presentation

12:30 – 14:00 BREAK

14:00 – 15:00 Talha Kuru - Photocatalysis for Hydrogen Production: Industrial Applications

15:00 – 16:00 Soner Mülayim - Advance Fiber Optic Sensing Technologies for a Safer, Smarter Future

16:00 – 17:00 Alper Ülkü - Leakage Current Reduction by Dielectric Permittivity-Graded Stacked Gate Oxides for FinFETs



October 21-22, 2024

Iztech Integrated Research Center (IZTECH IRC)

IZTECH OPS Youtube Channel (link in registration form)

Seal of Approval

IZPHOTECH'24 web page



OPTICA

