Program

Thursday 27th August

Session 1

09:00-09:15 Welcome (Serdar Özçelik (IZTECH, İzmir))

09:15-10:00 Jana Zaumseil (University of Heidelberg)

Light-emitting field-effect transistors as a platform for optoelectronics and plasmonics

10:00-10:45 Alpan Bek (METU, Ankara)

Nonlinear conversion of continuous wave light by Fano resonant all-plasmonic / molecular-plasmonic hybrid nanostructures

10:45-11:15 coffee break

Session 2

11:15-12:00 Elefterios Lidorikis (University of Ioannina)

Modelling and design of graphene-based applications in sensing and photodetection

12:00-12:30 Hodjat Hajian (Bilkent University, Ankara)

Guided plasmonic modes of a graphene-coated Kerr slab

12:30-14:00 lunch

Session 3

14:00-14:45 Bülend Ortaç (Bilkent University, Ankara)

The Development and Application of High Performance Laser Systems

14:45-15:30 Ümit Demirbaş (International Antalya University)

Femtosecond Cr:Colquiriite Lasers with Ultralow Timing Jitter Noise

15:30-16:00 Seydi Yavaş (FiberLast, Ankara)

Ultrafast Fiber Lasers: From Lab to the Industry
16:00-16:30 coffee break

Session 4

16:30-17:15 Feridun Ay (Anadolu University, Eskişehir)

*Integrated Optical Waveguide Amplifiers and Lasers*

17:15-17:45 Onur Kuzucu (ASELSAN, Ankara)

*High-pulse Energy Mid-infrared Intracavity Optical Parametric Oscillator*

17:45-19:00 Poster Session

19:30-21:30 Conference Dinner

Friday 28th August

Session 1

09:00-10:00 Ataç İmamoğlu (ETH Zurich)

*Quantum optics in condensed matter systems*

10:00-10:45 Iacopo Carusotto (University of Trento)

*Recent advances in topological photonics and fluids of light*

10:45-11:15 coffee break

Session 2

11:15-12:00 Alper Kiraz (Koç University, İstanbul)

*Potential of Optofluidic Resonators for Biosensing*

12:00-12:30 Rajesh V. Nair (Indian Institute of Technology, Ropar)

*Tuning the light transport and emission using 3D photonic crystals*
12:30-14:00  lunch

**Session 3**

14:00-14:45  Vitezslav Benda (Czech Technical University in Prague)

*Present development in the field of photovoltaic cells and modules*

14:45-15:30  Harald Hoppe (Ilmenau University of Technology)

*Controlling Structural Order and Phase Separation in Polymer:Fullerene Bulk Heterojunction Solar Cells*

15:30-16:00  coffee break

**Session 4**

16:00-16:45  Asghar Asgari (University of Tabriz)

*Graphene based Solar Cells: future solar cells?*

16:45-17:15  Aziz Kolkiran (İzmir Katip Çelebi University)

*Subwavelegth resolution by using the near field of Quantum Emitters*