

	<b>14 Mayıs 2020</b>
	<b>1. Oturum, Oturum Bşk.: S. Sevinçli, A. Bek</b>
	<b>10:00 – 12:10 (GMT+3)</b>
<b>10:00</b>	<b>Açılış</b>
<b>10:15-11:15</b>	Quantum Optics and Quantum Communications using Gaussian and Non-Gaussian States of Light <b>Philippe Grangier</b> , Charles Fabry Laboratuvarı, Fransa
<b>11:30-12:00</b>	Quantum entanglement for sensing with atoms and light <b>Onur Hoşten</b> , IST, Avusturya
<b>12:10</b>	<b>Ara</b>
<b>13:00</b>	<b>Poster Sunumu I</b>
	<b>2. Oturum, Oturum Bşk.: S. Turgut, O. Umucalılar</b>
	<b>14:00 – 16:20 (GMT+3)</b>
<b>14:00-14:30</b>	Quantum coherence in biology <b>Iannis Kominis</b> , Girit Üniversitesi
<b>14:40-15:10</b>	Quantum Computing with Fourier Optics <b>Burhan Gülbahar</b> , Özyeğin Üniversitesi
<b>15:20-15:35</b>	Role of quantum coherence and correlations in heat flow <b>Onur Pusuluk</b> , Koç Üniversitesi
<b>15:40-15:55</b>	Topological Friction in a Finite-Length Kitaev Chain Engine <b>Elif Yunt</b> , Malta Üniversitesi
<b>16:05-16:20</b>	Quantum coherence protection by using auxillary qubits <b>Esfendyar Faizi</b> , Azerbaycan Şahid Madani Üniversitesi
<b>16:20</b>	<b>Ara</b>
	<b>3. Oturum, Oturum Bşk.: C. Bulutay, E. Taşgın</b>
	<b>17:00 – 18:40 (GMT+3)</b>
<b>17:00-17:30</b>	Loss and non-Hermiticity in quantum processes <b>Şahin Kaya Özdemir</b> , Pensilvanya Eyalet Üniversitesi
<b>17:40-17:55</b>	The Landscape of Academic Literature in Quantum Information Technologies <b>Zeki Seskir</b> , Ortadoğu Teknik Üniversitesi
<b>18:05-18:35</b>	Optical photon generation from a superconducting qubit <b>Alp Sipahigil</b> , Kaliforniya Teknoloji Enstitüsü

15 Mayıs 2020	
1. Oturum, Oturum Bşk.: Z. Gedik, K. Durak	
10:00 – 11:55 (GMT+3)	
10:00-11:00	Quantum cryptography with continuous variables : theory and implementations <b>Philippe Grangier</b> , Charles Fabry Laboratuvarı, Fransa
11:15-11:45	Engineering a quantum satellite constellation <b>Alexander Ling</b> , Kuantum Teknolojileri Merkezi, Singapur
11:55	Ara
12:45	Poster Sunumu II
2. Oturum, Oturum Bşk.: S. Ateş, Ö. Çakır	
14:00 – 16:15 (GMT+3)	
14:00-14:30	Controlling Photophysics of Carbon Nanotubes for Enhanced Optoelectronic and Quantum Photonic Devices <b>İbrahim Sarpkaya</b> , UNAM, Bilkent Üniversitesi
14:40-15:10	Quantum Travel Time and Tunnel Ionization of Atoms <b>Durmuş A. Demir</b> , Sabancı Üniversitesi
15:20-15:35	Quantum Coin Flipping, Qubit Measurement and The Generalized Fibonacci Sequences <b>Oktay K. Pashaev</b> , İzmir Yüksek Teknoloji Enstitüsü
15:45-16:00	Kovaladıkça kaçan kuantum parçacığı <b>İskender Yalçınkaya</b> , Prag Çek Teknik Üniversitesi
16:00	Kapanış

Poster Sunumu I	
14 Mayıs 2020	
13:00 – 13:45 (GMT+3)	
13:00	Atom localization using Rydberg-EIT/ CPT with spatially dependent fields <b>T. Kirova</b> , <i>University of Latvia</i>
13:15	Spin-polarized DFT calculations of nitrogen-vacancy color centers in diamond with various XC potentials <b>B. Sarıkavak-Liseşivdin</b> , Gazi Üniversitesi
13:30	Effect of Eccentric Dimple Potentials on Propagation, Squeezing and Localization of Matter Waves <b>Devrim Tarhan</b>
Poster Sunumu II	
15 Mayıs 2020	
12:45 – 13:45 (GMT+3)	
12:45	Nuclear Spin Noise Spectra for Extremely Small Baths <b>Ekrem Taha Güldeste</b> , Bilkent Üniversitesi
13:00	Spin-coherence time measurements of NV <sup>-</sup> centers in <sup>15</sup> N <sup>+</sup> , <sup>15</sup> N <sub>2</sub> <sup>+</sup> and O <sup>+</sup> implanted diamond <b>S. B. Liseşivdin</b> , Gazi Üniversitesi
13:15	Entanglement Generation and Its Transfer in Quantum Walks <b>Yusuf Karlı</b> , İzmir Yüksek Teknoloji Enstitüsü
13:30	Eigenstate clustering around exceptional points <b>Cem Yüce</b> , Eskişehir Teknik Üniversitesi