

II. ANATOLIAN ALGEBRA WORKSHOP PROGRAM

July 8, 2026, Wednesday (Library Performance Center)	
08:45 – 09:30	Registration
09:30 – 10:30	Opening
10:30 – 10:45	<i>Coffee Break</i>
10:45 – 11:30	Invited Speaker, Session Chair : Orhun Kara Engin Mermut <i>Neat Homomorphisms</i>
11:30 – 11:45	<i>Break</i>
11:45 – 12:30	Invited Speaker, Session Chair : Mahmut Kuzucuoğlu Luis Oyonarte Alcalá <i>New Trends in the Study of Homological Properties</i>
12:30 – 14:00	Lunch
14:00 – 14:45	Invited Speaker, Session Chair : Ayşe Çiğdem Özcan Çevik Paula Carvalho <i>Finiteness Conditions on Essential Extensions of Simple Modules</i>
14:45 – 15:00	<i>Coffee Break</i>
15:00 – 15:45	Invited Speaker, Session Chair : Evrim Akalan Fatma Altunbulak Aksu <i>A Long-Standing Open Problem and Automorphism Groups of Linear Codes</i>
15:45 – 16:00	<i>Break</i>
16:00 – 16:30	Session Chair : Fuad Hajiyev Ahmet Sinan Çevik <i>Some Graph Dimensions Over Special Monoid Presentations</i>
16:35 – 17:05	Session Chair : Feride Kuzucuoğlu Hayrullah Ayık <i>On Semigroups of Order Preserving Transformations with the Same Fix Set</i>
18:00 – 22:00	WORKSHOP DINNER

July 9, 2026, Thursday
(Department of Mathematics)

09:30 – 10:15	<i>Invited Speaker, Z11, Session Chair: Rafail Alizade</i> Christian Lomp <i>Quantum Symmetries of Noncommutative Algebras</i>	
10:15 – 10:30	<i>Coffee Break</i>	
10:30 – 11:15	<i>Invited Speaker, Z11, Session Chair: Nurcan Argaç</i> Ayesha Asloob Qureshi <i>Polyomino Ideals and Rook Polynomials</i>	
11:15 – 11:30	<i>Break</i>	
11:30 – 12:15	<i>Invited Speaker, Z11, Session Chair: Sultan Eylem Toksoy</i> Murat Altunbulak <i>On the Characterization of Minimal Linear Codes</i>	
12:15 – 14:00	<i>Lunch</i>	
Parallel Sessions		
Session 1		Session 2
Chair: Yılmaz Durğun	14:00 – 14:45	Chair: Bülent Saraç
Cemile Kürkoğlu <i>Duality in Derived Category of O^∞</i>	14:00 – 14:20	Orhun Kara <i>Boosting the Partial Sum Attack on AES</i>
İsmail Alperen Ögüt <i>Torsion Obstruction for Conclusive Posets</i>	14:25 – 14:45	Mustafa Kircalı <i>Some Results on Quantum MDS Codes</i>
<i>14:45 - 15:00 Coffee Break</i>		
Chair: Burcu Nişancı Türkmen	15:00 – 15:45	Chair: Aslı Güçlükan İlhan
Salahattin Özdemir <i>Proper Classes Generated by Isosimple Modules</i>	15:00 – 15:20	Mariam Zaarour <i>(p, q)-Stirling Numbers of Type B via Signed Restricted Growth Functions and Rook Theory</i>
Yusuf Alagöz <i>Relative Max-Projectivity</i>	15:25 – 15:45	Efe Gürel <i>Cohen–Macaulay and Gorenstein Properties of Bi–Amalgamated Algebras with Applications to Algebroid Curves</i>
<i>15:45 - 16:00 Coffee Break</i>		
Chair: Münevver Pınar Eroğlu	16:00 – 16:45	Chair: Ayten Koç
Emine Önal Kır <i>On re-Small Submodules</i>	16:00 – 16:20	Fuad Hajiyev <i>Kolmogorov Superposition Theorem and Kolmogorov–Arnold Networks</i>
Yıldız Aydın <i>\oplus-Cofinitely Radical Supplemented Lattices</i>	16:25 – 16:45	Keremcan Doğan <i>$SL(5)$ Exceptional Drinfel'd Algebroids</i>
18:00 – 19:00	DINNER AT YAŞAM MERKEZİ	
19:00 – 22:00	EXCURSION: URLA-İSKELE	

July 10, 2026, Friday
(Department of Mathematics)

09:30 – 10:15	<i>Invited Speaker, Z11, Session Chair: Christian Lomp</i> Pinar Aydođdu <i>Algebraic Stories from Graphs: One-Value and Two-Value Magmas</i>
10:15 – 10:30	<i>Coffee Break</i>
10:30 – 11:15	<i>Invited Speaker, Z11, Session Chair: Gonca Ayık</i> Mesut Şahin <i>Combinatorics of Codes on Weighted Projective Planes</i>

Parallel Sessions

Session 1		Session 2	
Chair: Haydar Göral	11:20 – 12:30	Chair: Çađrı Demir	
Şermin Çam Çelik <i>Variants of Szemerédi, Green–Tao, and Sarkozy Theorems for Harmonic Progressions</i>	11:20 – 11:40	Utkan Utkaner <i>Algebras Determined by the Action of Bilinear Maps on Pairs of Inverses</i>	
Mustafa Kutay Kutlu <i>Counting Arithmetic Progressions in Finite Rings</i>	11:45 – 12:05	Aliye Yiđit <i>On RD-Projectively Poor Modules</i>	
Metin Azmaz <i>An Assessment of the Arithmetic Exceptionality of Generalized Chebyshev Polynomials of the Second Kind</i>	12:10 – 12:30	Zeynep Üstün Biçer <i>Square-free and Dual-Square-Free Abelian Groups</i>	
12:30 - 14:00 Lunch			
Chair: Fatma Kaynarca	14:00 – 14:45	Chair: Mustafa Kemal Berktaş	
Tufan Özdin <i>*(Strongly) G-Clean Rings with Involution</i>	14:00 – 14:20	Ezgi Gürbüz <i>Unique Decomposition into w-Ideals for Strong Mori Domains</i>	
İrfan Soydan <i>The Proper Class Projectively Generated by Coatomic Modules</i>	14:25 – 14:45	Eren Canan <i>Comparable Overrings of Marot Rings</i>	
14:45 - 15:00 Coffee Break			
Chair: Ergül Türkmen	15:00 – 15:45	Chair: Yılmaz Mehmet Demirci	
Mustafa Mahir Sayıcı <i>Direct Products in the Category of Hypermodules</i>	15:00 – 15:20	M. Yasir Kızmaz <i>On Thompson's Critical Subgroup</i>	
Fatma Kahrıman <i>On Normal Projective Hypermodules</i>	15:25 – 15:45	Doruk Üstündađ <i>Harmonic Numbers and Their Computational Complexity Analysis</i>	
15:45 - 16:00 Closing			