Joint India-Indonesia-Iran-Malaysia-Turkey
Algebra Forum Conference 2025
Academic Program

24 June 2025

08:00	REGISTRATIONS
09:30-10:00	OPENING CEREMONY

OFFLINE PRESENTATION / MAIN HALL

Break	Tea/Coffee

First Session / Hybrid Session	PLENARY TALKS	SPECIAL SESSION IN THE HONOR OF PROFESSOR MOHAMMAD ASHRAF
	Chair: CIHAT ABDİOĞLU	
10:00-10:35	SHAKIR ALI	MOHAMMAD ASHRAF'S CONTRIBUTIONS TO ALGEBRA AND ITS APPLICATIONS
10:35-11:10	TAMER KOŞAN	THE PRIMENESS OF NONCOMMUTATIVE POLYNOMIALS ON PRIME RINGS

Break	Tea/Coffee

	MAIN HALL	
Second Session	INVITED TALKS	
	Chair : AHMET SINAN CEVIK	
11:20-11:50	INDAH EMILIA WIJAYANTI	JORDAN DERIVATIONS ON MODULES OVER ASSOCIATIVE RINGS
11:50-12:20	OM PRAKASH	A STUDY ON THE HULLS OF CONSTACYCLIC CODES OVER Rm,q
12:20-12:50	NADEEM UR REHMAN	ON CERTAIN IDENTITIES WITH AUTOMORPHISMS IN PRIME AND SEMIPRIME RINGS

	ROOM A	
Third Session	CONTRIBUTORY TALKS	
	Chair: BASUDEB DHARA	
11:20-11:50	ELIF ERYAŞAR	COMPUTING THE SOMBOR INDEX OF PRIME IDEAL SUM GRAPH OF Z_N
11:50-12:20	NİHAN BAYDAR YARBİL	ON A RESULT ON B- GENERALIZED DERIVATIONS OF PRIME RINGS

12:50-13:30	LUNCH BREAK

Fourth Session	PLENARY TALKS	ONLINE PRESENTATION / MAIN HALL
	Chair : AYMAN BADAWI	
13:30-14:15	MOHAMMAD ASHRAF	GENERALIZED BI-SKEW LIE (JORDAN)-TYPE DERIVATIONS ON ALGEBRAS

Break	Tea/Coffee

OFFLINE PRESENTATION / MAIN HALL

Fifth Session	PLENARY TALKS	
	Chair : TAMER KOŞAN	
14:30-15:05	AYMAN BADAWI	ON SQUARE DIFFERENCE FACTOR ABSORBING IDEALS OF COMMUTATIVE RINGS
15:05-15:40	NOR HANIZA SARMIN	THE FIRST GENERAL ZAGREB INDEX OF A GRAPH FOR THE RING OF INTEGERS MODULO P^K QR

Break	Tea/Coffee

Sixth Session	INVITED TALKS	
	Chair : NADEEM UR REHMAN	
15:50-16:20	YILMAZ ŞIMŞEK	P-ADIC INTEGRALS INVOLVING SPECIAL NUMBERS ON P-ADIC INTEGERS WITH THEIR IDEALS AND ADDITIVE COSETS
16:20-16:50	AHMET SINAK	THE CONSTRUCTION OF FEW-WEIGHT MINIMAL LINEAR CODES OVER FINITE FIELDS

Break	Tea/Coffee

POSTERS / PAPER PRESENTATIONS	
11:00-14:00	NAZLICAN KÜMBET	AN EXAMPLE OF A LINK EXTENDING FROM ABSTRACT ALGEBRA TO GENE ALGEBRA

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25 June 2025

OFFLINE PRESENTATION / MAIN HALL

First Session	PLENARY TALKS	
	Chair : SHAKIR ALI	
9:30-10:05	INTAN MUCHTADI-ALAMSYAH	QUIVER REPRESENTATIONS IN NEURAL NETWORK AND TOPOLOGICAL DATA ANALYSIS
10:05-10:40	VINCENZO FILIPPIS	ON CERTAIN ADDITIVE MAPS AND THE SUBRINGS THEY GENERATE IN A PRIME RING

Break	Tea/Coffee

Second Session	INVITED TALKS	
	Chair: INDAH E.WIJAYANTI	
10:50-11:20	CHRISTIAN LOMP	CHAIN AND DISTRIBUTIVE COALGEBRAS
11:20-11:50	AYŞE ÇIGDEM ÖZCAN	QUASI-DUO MODULES

12:00-13:30	LUNCH BREAK

OFFLINE PRESENTATION / MAIN HALL

Third Session	PLENARY TALKS	
	Chair: NOR HANIZA SARMIN	
13:30-14:05	AHMET SINAN ÇEVIK	DETERMINATION OF SOME GRAPH DIMENSIONS OBTAINED FROM SPECIAL ALGEBRAIC STRUCTURES

Break	Tea/ Coffee

Fourth Session	CONTRIBUTORY TALKS	
	Chair: VINCENZO FILIPPIS	
14:15-14:35	BASUDEB DHARA	CO-COMMUTING GENERALIZED DERIVATIONS ACTING ON LIE IDEALS IN PRIME RINGS
14:35-14:55	GIOVANNI SCUDO	ADDITIVE MAPS HAVING NILPOTENT VALUES ON PRIME AND SEMIPRIME RINGS.
14:55-15:15	MILENA ANDALORO	PERIODIC VALUES OF GENERALIZED SKEW DERIVATIONS IN PRIME RINGS
15:15-15:35	FELICIA SERVINA DJUANG	ON CLEAN GRAPHS OVER FINITE RINGS

Break	Tea/ Coffee

Fifth Session	PAPER PRESENTATION	
	Chair: INTAN MUCHTADI-ALAMSYAH	
15:45-16:05	MOHD AZEEM	ON CONSTRUCTION OF REVERSIBLE DNA CODES OVER F_{4^{2M}} WITH T^N-SET CODES
16:05-16:25	SHADI SHAQAQHA	IDEALIZATION OF $\GAMMA$-MODULES AND ITS PROPERTIES
16:25-16:45	FIHI HIBA	DERIVATIONS WITH SYMMETRIC ELEMENTS IN PRIME RINGS
16:45-17:05	NADIA FARJ ALREHELE ALHARBI	SYMMETRIC REVERSEN N-DERIVATIONS AND FUNCTIONAL IDENTITIES IN ALGEBRAIC STRUCTURES

	Break	

ONLINE PRESENTATION

Sixth Session	INVITED TALKS	
	Chair: AYSE CIGDEM OZCAN	
17:30-18:00	ABDELLAH MAMOUNI	ADDITIVES MAPPINGS ON PRIME AND SEMIPRIME RINGS A SURVEY
18:00-18:30	ABDELALIM SEDDIK	THE GENERALIZED HOPFIAN ABELIAN GROUP IN SOME CATEGORIES OF ABELIAN GROUPS
18:30-19:00	NUH AYDIN	CODING THEORY: PAST, PRESENT, AND FUTURE

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26 June 2025

ONLINE PRESENTATION

First Session	PLENARY TALKS	
	Chair: CHRISTIAN LOMP	
9:00-9:40	ALI BAKLOUTI	THE ZARISKI CLOSURE CONJECTURE FOR EXPONENTIAL LIE GROUP

	Parallel Sessions	
	ROOM A	
Second Session	PAPER PRESENTATION/ CONTRIBUTORY TALKS	
	Chair: ELIF SEGAH OZTAS	
9:45-10:05	NUR'AIN ADRIANA MOHD RIZAL MOHD RIZAL	SOMBOR ENERGY OF THE ZERO DIVISOR GRAPH FOR THE RING OF INTEGER MODULO PQ
10:05-10:25	PUSPA NUR AFIFAH	SOME PROPERTIES OF D-SETS IN INFINITE GROUPS
10:25-10:45	OMAR QADOSH	ANTIDERIVATIVES OF GENERALIZED MATRIX ALGEBRAS
10:45-11:05	MEHMET YEŞIL	A DECOMPOSITION OF SYMMETRIC NUMERICAL SEMIGROUPS
11:05-11:25	MOHAMMED-YASSER EZ-ZAHER	DEVELOPING A LATTICE REDUCTION THROUGH HOUSEHOLDER AND GIVENS ORTHOGONALIZATION PROCESSES
11:25-1140	BÜŞRA AYDIN	EXPONENTIAL SOMBOR INDEX AND SOME OF ITS NOTABLE FEATURES

	ROOM B	
	Chair: OM PRAKASH	
9:45-10:05	CHERKAOUI ASMAA	A FROBENIUS RING-BASED SIGNATURE SCHEME THROUGH CONSTACYCLIC CODES.
10:05-10:25	PUGUH WAHYU PRASETYO	KOETHE CONJECTURE REVISITED: AN INTRODUCTION TO QUASI-REDUCED RINGS
10:25-10:45	ILIAS ELMOUKI	A NOTE ON HARTSHORNE THEOREMS AND PROPERTIES OF ISOGENIES WITH APPLICATIONS
10:45-11:05	LKOAIZA ABDELKARIM	A GRÖBNER BASIS ATTACK ON GENERALIZED GRENDEL-BASED HASHING WITH APPLICATION TO BLOCKCHAIN SIGNATURES
11:05-11:25	HAFSA BIBI	ON THE STRONG PERSISTENCE PROPERTY OF SOME CLASSES OF MONOMIAL IDEALS

11:40	CLOSING CEREMONY	