

MONDAY, 1 JULY 2019 (Morning)

Time	Event	Venue
08.00 – 08.45	Registration	Multipurpose Hall CRCS Building 3 rd Floor

Time	Event	Venue
08.45 – 09.45	<p>Opening</p> <p>08.45 – 08.50 Doa Recitation</p> <p>08.50 – 09.00 Welcoming Speech: Chair of 5BIGTC2019 (Assoc. Prof. Dr. Intan Muchtadi)</p> <p>09.00 – 09.10 Welcoming Speech: Chair of Scientific Committee (Prof. Dr. Ahmad Erfanian)</p> <p>09.10 – 09.20 Officiating Speech: Dean of The Faculty of Mathematics and Natural Sciences (Prof. Dr. Edy Tri Baskoro)</p> <p>09.20 – 09.30 Performance</p> <p>09.30 – 09.40 Conference Photo</p>	Multipurpose Hall CRCS Building 3 rd Floor

Time	Title	Plenary Speaker I	Chairman	Venue
09.45 – 10.30	Limit monomial groups	Prof. Mahmut Kuzucuoglu (Middle East Technical University, Turkey)	Prof. Manabu Oura	Main Hall

Time	Event	Venue
10.30 – 11.00	Coffee Break	Multipurpose Hall CRCS Building 3 rd Floor

Time	Title	Invited Speaker I	Chairman	Venue
11.00 – 11.30	Equations in groups	Prof. Murray Elder (University of Technology Sydney, Australia)	Prof. Man Van Minh Nguyen	Main Hall

Time	Title	Invited Speaker II	Chairman	Venue
11.35 – 12.05	Influence of character degrees on the structure of nearly simple groups	Prof. Ali Iranmanesh (Tarbiat Modares University, Iran)	Prof. Alireza Abdollahi	Main Hall

Time	Event	Venue
12.05 – 14.00	Lunch	Multipurpose Hall CRCS Building 3rd Floor

MONDAY, 1 JULY 2019 (Afternoon)

Parallel Session I

Chairman of Room A: Prof. Mahmut Kuzucuoglu

Chairman of Room B: Dr. Fajar Yuliawan

Time	Title	Speaker	Venue
14.00 – 14.20	A group of the form $2^{4+5}:GL(4,2)$	Thekiso Seretlo	Room A
	Wave packet transform on finite abelian group	Lucky Cahya Wanditra	Room B
14.25 – 14.45	Conjugacy classes ranks of M_{23}	Malebogo Motalane	Room A
	Some notes on non-inner nilpotent groups	Masoumeh Ganjali	Room B

Time	Event	Venue
14.45 – 15.15	Coffee Break	Multipurpose Hall CRCS Building 3rd Floor

Time	Title	Invited Speaker III	Chairman	Venue
15.15 – 15.45	Jantzen filtration, Young symmetrizers, and Young's seminormal basis	Prof. Kai Meng Tan (National University Singapore)	Prof. Irawati	Main Hall

Time	Title	Invited Speaker IV	Chairman	Venue
15.50 – 16.20	Quality engineering with orthogonal arrays: algebraic	Prof. Man Van Minh Nguyen (Mahidol University, Thailand)	Dr. Intan Muchtadi	Main Hall

	methods with and without group theory			
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Time	Event	Venue
19.00 – 21.00	Welcoming Party	Multipurpose Hall CRCS Building 3rd Floor

TUESDAY, 2 JULY 2019 (Morning)

Time	Title	Plenary Speaker II	Chairman	Venue
08.15 – 09.00	Groups where the centers of the irreducible characters form a chain	Prof. Mark Lewis (Kent State University USA)	Prof. Mahmut Kuzucuoglu	Main Hall

Time	Title	Invited Speaker V	Chairman	Venue
09.10 – 09.40	Zero divisors of support size 3 in group algebras and trinomials divided by irreducible polynomials over $GF(2)$	Prof. Alireza Abdollahi (University of Isfahan, Iran)	Prof. M.R. Darafsheh	Main Hall

Time	Title	Invited Speaker VI	Chairman	Venue
09.45 – 10.15	The Laplacian energy of conjugacy class graph of Dihedral groups	Prof. Nor Haniza Sarmin (Universiti Teknologi Malaysia)	Prof. Pudji Astuti	Main Hall

Time	Event	Venue
10.15 – 10.45	Coffee Break	Multipurpose Hall CRCS Building 3rd Floor

Parallel Session II

Chairman of Room A: Prof. Alireza Abdollahi

Chairman of Room B: Prof. Man Van Minh Nguyen

Time	Title	Speaker	Venue
10.45– 11.05	A Kind of graph associated to a fixed element and a subgroup of group	Mahboube Nasiri	Room A
	On groups whose associated graphs are friendship graphs	Afif Humam	Room B
11.10 – 11.30	Probabilistic characterizations of some ring of matrices and its zero divisor graph	Nurhidayah Zaid	Room A
	Energy of Cayley graphs for alternating Groups	Amira Fadina Ahmad Fadzil	Room B
11.35 – 11.55	Prime ideal and almost ideal prime on Gaussian integer ring	Fariz Maulana	Room A
	The Harary index of the non-commuting graph for Dihedral groups	Nur Idayu Alimon	Room B

Time	Event	Venue
12.00 – 14.00	Lunch	Multipurpose Hall CRCS Building 3rd Floor

TUESDAY, 2 JULY 2019 (Afternoon)

Parallel Session III

Chairman of Room A: Prof. Murray Elder

Chairman of Room B: Prof. M.R. Darafsheh

Time	Title	Speaker	Venue
14.00 – 14.20	The independence, clique and clique-independence polynomials of the center graph of some finite groups	Nabilah Najmuddin	Room A
	Some properties of coprime graph of Dihedral group D_{2n}	Abdul Gazir S.	Room B
14.25 – 14.45	Finite energy static SU(2) skyrmionic black holes with negative cosmological constant in even dimension	Rizki Fadli	Room A
	On coprime graph of integers modulo n group	Masriani	Room B

14.50 – 15.10	Cayley graph for the non-abelian tensor square of some finite groups	Athirah Zulkarnain	Room A
	Coprime graph of integers modulo n group and its subgroups	Rina Juliana	Room B

Time	Event	Venue
15.10 – 15.40	Coffee Break	Multipurpose Hall CRCS Building 3rd Floor

Time	Title	Invited Speaker VII	Chairman	Venue
15.40 – 16.10	On rational irreducible characters of finite groups	Prof. Mohammad Reza Darafsheh (University of Tehran, Iran)	Prof. Murray Elder	Main Hall

Time	Title	Invited Speaker VIII	Chairman	Venue
16.15 – 16.45	Ring of the weight enumerators of triply even codes	Prof. Manabu Oura (Kanazawa University, Japan)	Prof. Nor Haniza Sarmin	Main Hall

WEDNESDAY, 3 JULY 2019 (Morning)

Time	Title	Invited Speaker IX	Chairman	Venue
08.30 – 09.00	Actions of hochschild cohomology and local duality in representation theory of finite groups	Dr. Fajar Yuliawan (Institut Teknologi Bandung)	Prof. Nor Haniza Sarmin	Main Hall

Parallel Session IV

Chairman of Room A: Prof. Ali Iranmanesh

Chairman of Room B: Prof. Manabu Oura

Time	Title	Speaker	Venue
09.05 – 09.25	Measuring closeness between cayley automatic groups and automatic groups	Dmitry Berdinsky	Room A
	The dual B-algebra	Katrina Belleza	Room B

09.30 – 09.50	Groups whose proper subgroups have polycyclic-by-finite layers	Nadir Trabelsi	Room A
	Permutation codes over finite fields	Irwanyah	Room B

Time	Event	Venue
10.00 – 10.30	Coffee Break	Multipurpose Hall CRCS Building 3rd Floor

Session V

Chairman: Prof. Kai Meng Tan

Time	Title	Speaker	Venue
10.30– 10.50	Non coprime graph of dihedral groups and all its subgroup	Wahyu Ulyafandhie Misuki	Room A
10.55 – 11.15	Some remarks on principal ideals of a rough monoid	Manimaran A	Room A
11.20 – 11.40	The non-normal subgroup graph for some generalised quaternion groups	Nabilah Fikriah Rahin	Room A
11.45-12.05	Some properties of central tensor kernel and central tensor autocommutator subgroups	Mostafa Sajedi	Room A

Time	Event	Venue
12.10 – 13.10	Closing Ceremony	Multipurpose Hall CRCS Building 3rd Floor

Time	Event	Venue
13.10 – 14.00	Lunch	Multipurpose Hall CRCS Building 3rd Floor

THURSDAY, 4 JULY 2019

Time	Event
08.00 – 15.00	EXCURSION DAY