

Programs

The 19th International Conference of Young Algebraists in Thailand
Department of Mathematics, Faculty of Science, Mahasarakham University

Maha Sarakham, Thailand

March 25-27, 2026

March 25, 2026		
08:30 - 09:00	Registration	
09:00 - 09:20	Opening Ceremony	Room: SC3-305
09:20 - 09:40	Coffee Break	
09:40 - 10:10	Honoring Asst. Prof. Dr. Prakit Jampachon	Room: SC3-305
10:10 - 11:00	Keynote Lecture 1: <i>M</i> -Invariant congruence relations (K. Denecke)	Chairman 1: B. Pibaljommee Room: SC3-305
11:10 - 12:00	Keynote Lecture 2: Almost prime submodules: Structural properties and graph-theoretic insights (I. G. A. W. Wardhana)	Chairman 2: S. Baupradist Room: SC3-305
12:00 - 13:00	Lunch	
13:00 - 14:00	Keynote Lecture 3: On commutator-inversion invariant conditions and related gyrogroup constructions (T. Suksumran)	Chairman 3: S. Worawiset Room: SC3-302
14:00 - 14:20	Coffee Break	
14:20 - 14:40	Talk 1: On the ideal-coincidence conditions in <i>poe</i> -semigroups (N. Lekkoksung)	Chairman 4: C. F. Nyberg-Brodda Room: SC3-302
14:40 - 15:00	Talk 2: Gourava index in graph theory: Dihedral group representation and its applications (A. P. Ardana)	
15:00 - 15:20	Talk 3: Partial algebras of tree languages of a fixed variable (T. Kumduang)	

15.20 – 15.40	Talk 4: Structural characterizations of S -small and S -essential soft submodules (S. Baupradist)	
15.40 – 15.50	Break	
15.50 – 16.10	Talk 5: On pseudo BN -algebras (L. R. Cabardo)	Chairman 5: N. Lekkoksung Room: SC3-302
16.10 – 16.30	Talk 6: On the principal left ideals in the direct product of two ternary semigroups (P. Nillaphant)	
16.30 – 16.50	Talk 7: Regularity on semigroup of transformations preserving an equivalence relation with fixed set (P. Thadathanakiat)	
16.50 – 17.10	Talk 8: Decision problems in braid and Artin groups (C. F. Nyberg-Brodde)	
18.00 – 21.00	Welcome Reception for Conference Participants	
March 26, 2026		
08.30 – 09.00	Registration	
09.10 – 10.00	Keynote Lecture 4: Realization of closure operators on complete lattices by binary relations (J. Slapal)	Chairman 6: S. Lekkoksung Room: SC3-302
10.00 – 10.20	Coffee Break	
Parallel Session	Chairman 7: N. Sarasit Room: SC3-302	Chairman 8: T. Kumduang Room: SC3-301
10.20 – 10.40	Talk 9: (m, n) -Fuzzy sets in IUP -algebras (T. Gaketem)	Talk 14: Characterizing normal polynomials via F_q -orders (Maithri K.)
10.40 – 11.00	Talk 10: Multiplication table with diagonal condition on the Gaussian integers (C. Kodsueb)	Talk 15: A pseudorandom number generator based on cascade multiple recursive matrix methods (Shivarama K. N.)

11.00 – 11.20	Talk 11: A short proof that every finite semigroup has an idempotent (M. Z. Nasution)	Talk 16: On ideals and quotient structure of Γ -seminearrings (Prakash P.)
11.20 – 11.40	Talk 12: Some drawing strategies on makneeb (S. Buddaphes)	Talk 17: Drinfeld center of group and skew brace representations (R. Aziz)
11.40 – 12.00	Talk 13: On the sylowizers of p -subgroups in finite groups (D. Lei)	Talk 18: Generalised uniqueness theorems for twisted Steinberg algebras (R. Bongcawel)
12.00 – 13.00	Lunch	
13.00 – 13.30	Keynote Lecture 5: Intuitionistic fuzzy ideals (IFIs) in universal algebras (T. Changphas)	Chairman 9: P. Khamrot Room: SC3-302
13.30 – 14.00	Keynote Lecture 6: n -ary algebraic structures (B. Pibaljomme)	
14.00 – 14.20	Coffee Break	
Parallel Session	Chairman 10: T. Gaketem Room: SC3-302	Chairman 11: P. Palakawong na Ayutthaya Room: SC3-301
14.20 – 14.40	Talk 19: Some algebraic properties on semigroups of terms with respect to the rs -inductive product (P. Prachumdang)	Talk 22: On the independence and chromatic numbers of orthogonal totally isotropic subspace inclusion graphs in dimension 4 (S. Sirisuk)
14.40 – 15.00	Talk 20: Multiset dimension of $C_n \square K_1$ (H. Baskoroputro)	Talk 23: On the cardinal numbers of ideals G -parts in Q -algebras (A. Anantayasethi)
15.00 – 15.20	Talk 21: On quotient INK -algebras (M. Phattarachaleekul)	Talk 24: Some properties of annihilators of ternary semirings (N. Sarasit)
15.20 – 15.30	Break	
15.30 – 16.30	Committee Discussion	Room: SC3-302
March 27, 2026		

08.30 – 09.00	Registration	
09.00 – 10.00	Keynote Lecture 7: The cardinalities of clonoid lattices of Boolean functions (E. Lehtonen)	Chairman 11: K. Saengsura Room: SC3-302
10.00 – 10.30	Coffee Break	
10.30 – 12.00	Summarize and Discussion	Room: SC3-302
12.00 – 13.00	Lunch	
13.00 – 13.30	Closing Ceremony	Room: SC3-302
13.30 – 16.00	Excursion	

*Schedule is subject to change.