

Program Schedule

Conference on Recent Trends in Algebra and Related Topics

January 19-20, 2023 (GMT +7)

Department of Mathematics, Faculty of Science, Chiang Mai University, Thailand

January 19, 2023		
08.30 – 09.00	Participants enter the Zoom meeting in preparation	
09.00 – 09.10	Opening Ceremony <ul style="list-style-type: none"> Welcome Speech by Prof. Dr.Sorasak Leeratanavalee The Chair of Program Committee Opening Address by Assoc. Prof. Dr.Nattakorn Sukantamala The Head of Department of Mathematics, Faculty of Science, Chiang Mai University 	
09.10 – 09.15	Take a Group Photo	
09.15 – 10.00	Invited Speaker 1: Assoc. Prof. Dr.Bundit Pibaljommee <i>Semirings and k-ideals</i>	Chair: Assoc. Prof. Dr. Somnuek Worawiset
10.00 – 10.45	Invited Speaker 2: Assoc. Prof. Dr.Teerapong Suksumran <i>Construction of a gyrogroup from a group</i>	Chair: Prof. Dr. Thawhat Changphas
10.45 – 11.00	Break	
Contributed Talks 1		
11.00 – 11.15	Anak Nongmanee [†] and Sorasak Leeratanavalee <i>Ternary Menger algebras and their algebraic properties</i>	Chair: Assoc. Prof. Dr. Kritsada Sangkhanan
11.15 – 11.30	Anusorn Simuen [†] , Ronnason Chinram, Winita Yonthanthum and Aiyared Iampan <i>Picture \mathcal{N}-sets and applications in semigroups</i>	
11.30 – 11.45	Somsak Lekkoksung, Aiyared Iampan, Pongpun Julatha and Nareupanat Lekkoksung [†] <i>Some representations of ordered semigroups</i>	
11.45 – 12.00	Thawhat Changphas [†] <i>Quasi-ideals on the direct product of two semigroups</i>	
12.00 – 13.00	Lunch Break	
13.00 – 13.45	Invited Speaker 3: Asst. Prof. Dr.Songpon Sriwongsa <i>Orthogonal decomposition for a modular Lie algebra \mathfrak{sl}_n</i>	Chair: Prof. Dr. Sorasak Leeratanavalee
13.45 – 14.00	Break	
Contributed Talks 2		
14.00 – 14.15	Thodsaporn Kumduang [†] and Khwancheewa Wattanatripop <i>The partial algebras of completely expanded terms</i>	Chair: Asst. Prof. Dr. Sarawut Phuapong
14.15 – 14.30	Pornpimol Kunama [†] and Sorasak Leeratanavalee <i>Regularity of generalized hypersubstitutions for algebraic systems</i>	
14.30 – 14.45	Khwancheewa Wattanatripop [†] , Thawhat Changphas and Thodsaporn Kumduang	

	<i>Algebras of full terms constructed from transformations with fixed set</i>	
14.45 – 15.00	Bunlong Lang [†] , Pongsakorn Kitpratyakul and Bundit Pibaljomme <i>Semigroups of an inductive composition of tree languages</i>	
15.00 – 15.15	Break	
Contributed Talks 3		
15.15 – 15.30	Worachead Sommanee [†] <i>Regularity of the semigroup of transformations preserving a length</i>	Chair: Asst. Prof. Dr. Kittisak Tinpun
15.30 – 15.45	Muhammad Mansur Zubairu and Nasiru Mohammed Mangga [†] <i>On the maximal subsemigroups and rank properties of certain semigroups of partial injective contractions of a finite chain</i>	
15.45 – 16.00	Muhammad Mansur Zubairu and Abubakar Jibrin [†] <i>On the subsemigroups of full contraction mappings of a finite chain</i>	
16.00 – 16.15	Muhammad Mansur Zubairu [†] , Abdullahi Umar and Muhammad Jada Aliyu <i>On the combinatorial and rank properties of certain subsemigroups of full contractions of a finite chain</i>	
January 20, 2023		
08.30 – 09.15	Participants enter the Zoom meeting in preparation	
09.15 – 10.00	Invited Speaker 4: Assoc. Prof. Dr. Ronnason Chinram <i>Transformation semigroups never die : Magnifying elements in transformation semigroups</i>	Chair: Dr. Panuwat Luangchaisri
10.00 – 10.45	Invited Speaker 5: Assoc. Prof. Dr. Aiyared Iampan <i>Introducing UP-modules</i>	Chair: Assoc. Prof. Dr. Samruam Baupradist
10.45 – 11.00	Break	
Contributed Talks 4		
11.00 – 11.15	Krittapon Chaikan [†] , Aniruth Phon-On and Kittisak Tinpun <i>On the relative rank of orientation-preserving or orientation-reversing transformation semigroups with restricted range</i>	Chair: Asst. Prof. Dr. Nareupanat Lekkoksung
11.15 – 11.30	Denpong Pongpipat [†] and Nuttawoot Nupo <i>On metric dimension of Cayley digraphs of rectangular groups</i>	
11.30 – 11.45	Jaturon Wattanapan [†] , Watchareepan Atiponrat, Santi Tasena and Teerapong Suksumran <i>Extension of Haar's theorem</i>	
11.45 – 12.00	Samruam Baupradist [†] <i>On S-M-cyclic submodules</i>	
12.00 – 13.00	Lunch Break	
13.00 – 13.45	Invited Speaker 6: Assoc. Prof. Dr. Chakkrid Klin-eam <i>The algebraic coding theory and related algebraic problems</i>	Chair: Asst. Prof. Dr. Warud Nakkhasen
13.45 – 14.00	Break	
Contributed Talks 5		
14.00 – 14.15	Nuchanat Tiprachot [†] and Somsak Lekkoksung <i>The coincidence of bi-hyperideals and interior hyperideals</i>	Chair: Dr. Nuttawoot Nupo

14.15 – 14.30	Kanrop Hukaew [†] and Samruam Baupradist <i>Some properties of S-multiplication modules and S-comultiplication modules</i>	
14.30 – 14.45	Nagornchat Chansuriya [†] <i>The study on the finite dimensional Poisson modules over a Poisson algebras</i>	
15.45 – 15.00	Poramate Sangchan [†] and Samruam Baupradist <i>Some properties of S-essential submodules</i>	
15.00 – 15.15	Closing Ceremony <ul style="list-style-type: none"> • An invitation to The 16th International Conference of Young Algebraists in Thailand (ICYAT) • Closing speech by Prof. Dr.Sorasak Leeratanavalee The Chair of Program Committee 	