April 22 (Wed)	25 April 2015, Hua Hin, Thailand April 23 (Thu)		April 24 (Fri)		April 25 (Sat)	
	Registration (08:00-08:50)					
	Opening Ceremony (08:50-09:20) (MC: Nirut Chalainanont)		Invited Speech (09:00-10:00) Interactive Applications of Collaborative Unmanned Aircraft Systems with Humans		Panel Discussion (09:00-9:50) Humanitarian Assistance/Disaster Relief oriented Crowdsourced Real Time Data (Peter Haddawy, Akira Namatame, Brian Steckler) (Moderator: Chamnan Kumsap)	
					Session 6 (40 min) (09:50-10:30)	
					Grand Ballroom	
		Speech -10:20)	(Patrick Doherty) (Chair: Pawat Chusilp)		Explosives and Chemistry III (Chair: Monchai Duangpanya)	
	Linguistic Geometry: From Ancient Warfare to Intelligent Adversarial Reasoning (Boris Stilman) (Chair: Thanaruk Theeramunkong) Break (10:20-10:40) Invited Speech The Making of the Terrex Vehicle by ST Kinetics (10:40-11:20) (Chan Yi Yuen, Alan Ho) (Chair: Phermsak Siripala) Session 1 (40 min) (11:20-12:00) Grand Ballroom Boardroom				(Co-Chair: Chidchanok Chaichuenchob) Molecularly Imprinted Polymer for Explosive Detection	
					Chompoonuch Tancharoen, Wannisa Sukjee, Chak Sangma, Thipvaree Wangchareansak Ensuring the Safety and Quality of Meals for Security Forces through the Use of Irradiatio Suwimol Jetawattana	
					Break (40-20-40-50)	
			(10:00	J-10:20)	(10:30-10:50)	
			Invited Speech (10:20-11:20) Development of Solid Propellant Rocket Propulsion and Related Technologies (Chesda Kiriratnikom) (Chair: Monchai Duangpanya)		Poster Presentation (10:50-11:40) (Coordinator: Pansak Wonganoo)	
					A Review of Hazards for Lithium – Ion Battery Applied in Tactical Radio	
					Application of Ni Nanoparticles in Solid Rocket Propellant Application of Cu Nanoparticles in Solid Rocket Propellant	
	Data Analysis I	Explosives and Chemistry I	Invited Speech (11:20-12:00) Probability-Based Reliability/Durability Analysis/Design (Surot Thangjitham)		4. Application of Al Nanoparticles in Solid Rocket Propellant 5. Microanalysis Study on Explosives: Chemical Fertilizers 6. An Online Interactive Whiteboard for Military Applications: a Conceptual Design 7. A Design of Lathe Boring Tool with Rotating Cutter Principle 8. Situation Data Intelligence System for a Decision Making in Military Operation 9. Encapsulation of Carbon Nanotubes with Ferrocene by Solution Based Processing (Posters can start to set up from the evening of April 22, 2015.)	
	(Chair: Songsri Tangsripairoj) (Co-Chair: Jiradett Gerdsri)	(Chair: Monchai Duangpanya) (Co Chair: Thipvaree Wangchareansak)				
	Applying Multivariate Data Analysis to Identify Key Parameters of Bi-directional	Production and Characterization of Nanometer Explosives				
	Attack Flows Korakoch Wilailux, Sudsanguan Ngamsuriyaroj	Fengsheng Li, Jie Liu, Wei Jiang, Yu-jiao Wang, Xiao-de Guo			(i obters can start to set up from the evening of April 22, 2015.)	
	Cyber Risk Evaluation Framework based on	Application of Low Temperature Plasma				
	Risk Environment of Military Operation Aniwat Hemanidhi,Sanon Chimmanee,Parinya Sanguansat	Modification Explore the Technical Processing of Nano HMX Xiaode Guo, Binbin Dong, Fengsheng Li, Zhixiang Wang, Fei Wu		it Wanalertlak)	Closing Ceremony (11:40-12:00) (MC: Nirut Chalainanont)	
		nch -13:00)	Lunch (12:00-13:00)		Lunch (12:00-13:00)	
	(1.2.00	(12.00-10.00)		4 (120 min) 0-15:00)	(12.00-10.00)	
				Boardroom		
	Invited Speech (13:00-14:00) Defence Capability Enhancement through Collaboration (Mark Hodge) (Chair: Jirasak Jewmaidang)		Radar and Antenna (Chair: Peerayudh Saratayon)	Mechanical Engineering (Chair: Phermsak Siripala)	ater	
			System for Boat Naruebas Nakarith,Phansak lamraksa	(Co-Chair: Suwicha Chankapor) Compact Counter-Recoil Design of Water		
				Cannon Using a Single Nozzle with Backward Spray Tonkid Chantrasmi, Siriporn Tansuwanarat, Pumyos Vallikul		
			Design of COTS Dual-Circularly Polarized Conical-Scan Cassegrain Antennafor Rocket Tracking Peerayudh Saratayon, Pattapong	Ballistic Analysis of 14.5 AP bullet on armor material Tosapolporn Pornpibunsompop		
	Session 2 (60 min) (14:00-15:00)		Sripho,Soraphob Suparchaiparnitchapong			
	Grand Ballroom Data Analysis II	Boardroom Explosives and Chemistry II	AM Transciever Based on Forced Oscillator By Using Multi-time Analysis Kunanon Kittipute, Paramote	Real Time Kinect Based Robotic Arm Manipulation with five degree of freedom Sunny Amatya, Somrak Petchartee		
	(Chair: Songsri Tangsripairoj) (Co-Chair: Wichai Pawgasame) Joint Tactical Air Request Processing Via	(Chair: Watcharee Jornjamrus) (Co-Chair: Paisarn Apinhaphat) The Study of Computational Chemistry	Wardkein, Suthasin Srisook An OFDM-based Radar for Military Safety	Design and Development of a Hull	Technical Visit	
	Genetic Algorithm Jason Noble, Koji Kurata, Mohammad Reza Asharif	Simulation of Ferrocene for Solid Propellant Ornin Srihakulung	Lin Lai Lai Khine,Somrak Petchartee	Stabilization System for Personnel Carrier Paphat Srinontri, Theerayuth Chatchanayuenyong, Nattawoot Suwannata, Chattrakul Sombattheera		
	Mobile Crime Incident Reporting System Using UX Dimensions Guideline	Applications of Surface-enhanced Raman Scattering (SERS) Substrate	IRIG S-Band Missile Telemetry Peerayudh Saratayon,Somrak Petchartee	The Damaged Analysis from Ballistic Threats on Transparent Armor		
	Natruja Vatanasuk,Anuthep Chomputawat,Sirikanya Chomputawat,Watchara Chatwiriya	Noppadon Nuntawong, Pitak Eiamchai, Saksorn Limwichean, Mati Horprathum, Viyapol Patthanasettakul, Pongpan Chindaudom		Chidchanok Chaichuenchob, Sujarinee Sinchai		
	Gunshot Noise Detection using Zero PhaseTechnique Weerawut Thanhikamt	Synthesis and Characterization of Cellulose- Microfibril Reinforced Epoxy Composite Warut Thammawichai, Cheewita	Time-Oriented Management of DTI Telemetry Data Soraphob Suparchaiparnitchapong,	Dynamics of Arms Race Model at Fractional Order Yoothana Suansook		
		Suwanchawalit, Kullatat Suwatpipat, Navapan Poopakdee eak -15:20)		reak 0-15:20)		
	Session 3 (80 min) (15:20-16:40)		Session 5 (80 min) (15:20-16:40)			
	Grand Ballroom Communication Technology	Boardroom ICT and Data Management I	Grand Ballroom	Boardroom		
	(Chair: Mores Prachyabrued) (Co-Chair: Wichai Pawgasame)	(Chair: Thepchai Supnithi) (Co-Chair: Weetit Wannalertluk)	ICT and Data Management II (Chair: Chamnan Kumsap) (Co-Chair: Nithinun Tanvilaipong)	Aeronautical Engineering (Chair: Pawat Chusilp) (Co-Chair: Janewit Keetasin)		
	Tactical Wireless Networks: A Survey for Issues and Challenges Wichai Pawgasame, Komwut	Analysis and Simulation of Heat Index for Developing a Heat Alert System over Thailand	Dynamic Broadcast Encryption based on Braid Groups Norranut Saguansakdiyotin, Pipat	Development of Dynamic Inversion Based Outer-loop Anti-swing Control Law for a Helicopter Slung-load System Thanan Yomchinda		
	Wipusitwarakun Impacts of Vehicles on the Outdoor Search Area of Small Wirelessly-Controlled Robots Supachoke Chukaew, Paisarn Sonthikron	Sukrit Kirtsaeng,Panus Kirtsaeng A Hybrid Approach for Linguistic Information Integration to Multi-Experts Multi-Attribute Decision-Making Problem	Hiranvanichakorn Database Management to support Automatic Placement of 3D Building Models To A Simulated Scene	Study of Autonomous Evasive Planar- Maneuver Against Proportional-Navigation Guidance Missiles for Unmanned Aircraft		
		Narongsak Pongsathornwiwat, Van-Nam Huynh, Thanaruk Theeramunkong	Nithinun Tanvilaipong,Nirut Chalainanont,Chamnan Kumsap	Thanan Yomchinda		
	New Design Wireless Sensor Network based TETRA DMO Protocol Somrak Petchartee, Peerayudh Saratayon	Distributed Virtual Environments for Military Training Applications: Trends and Challenges Surachai Chieochan, Prakorn Pratoomma,	Investigation on Detection Accuracy of RFID tags on Back-to-back Queuing Objects Choermath Hongakkaraphan, Chutima	Development of Automatic Firing Angle Calculation for Ground to Ground MLRS Weerawut Charubhun,Pawat Chusilp		
	Reliable Data Communication Over HF Link	Chamnan Kumsap Triple-mode Location-aware Android	Beokhaimook, Phalakron Nilkhet Internal Ballistics Simulation Based on	Color Marker Detection with Varoius		
	Using System On Chip Technology Somkheart Kraisin, Wichai Pawgasame	Portable System for Field Operations Khanchai Kingkangwan, Nirut Chalainanont, Chamnan Kumsap	Object Oriented Programming Roongtawan Laimek, Wichai Pawgasame	Imaging Conditions and Occlusion for UAV Automatic Landing Control Montika Sereewattana, Miti Ruchanurucks, Supakorn Siddhichai, Sakol		
Registration (16:00-18:00)	Tutorial (16:40-18:40) The Essence of Discoveries: Rediscovering the No-Search Approach in Linguistic Geometry (Boris Stilman)		Invited Speech (16:40-17:30)			
Function Room, Conference Hall			(16:40-17:30) New Defense Equipment Export Policy of Japan and			
			Outline of Technical Research and Development Institute (TRDI) (Toru Hotchi)			
			(Chair: Chatchawan Hemkiattikun) Panel Discussion (17:30-18:30) Thailand's State of the Art Aerospace Technologies for National Security and Country Development Pongsatorn Buasup, DTI Sarun Sumriddetchkajorn, NSTDA Suthee Aksornkit, TRF Anond Snidvongs, GISTDA (Moderator: Kamol Watcharasathian, RTAF) Banquet (18:30-21:00)			
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Reception (18:30-20:30)						
McFarland House			Pool Lawn Area		1	