

		Room 113 (1F)	Room 114 (1F)	Room 219 (2F)	Room 203 (2F)	Room 201 (2F)	
May 31	08:30 ~ 09:30	Registration (Lobby 1F)					
	09:30 ~ 10:00	Opening Ceremony International - Conference Room(1F)					
	10:00 ~ 10:40	Plenary Talk 1 by C.E.O Gwanghyan Ahn, Hyundai Global Service S.Korea - Conference Room(1F)					
	10:40 ~ 10:50	Coffee Break					
	10:50 ~ 11:30	Plenary Talk 2 by Prof. W. Hardt, TU Chemnitz Germany - Conference Room(1F)					
	11:30 ~ 12:00	Group Photo					
	12:00 ~ 13:20	Lunch					
	13:20 ~ 15:00	Oral presentation	S1-1 (Prof. Jin-Chun Kim)	S2-1 (Prof. Jong-Myon Kim)	S3-1 (Prof. Kyoungsik Chang)	S5-1 (Prof. Byung-Sam Kim)	S6-1 (Prof. Jin-Suk Chung)
			7 presentations	7 presentations	6 presentations	6 presentations	7 presentations
	15:00 ~ 15:15	Coffee Break					
	15:15 ~ 15:55	Plenary Talk 3 by Prof. Mansoo Choi, Seoul National University S.Korea - Conference Room(1F) Chair - Prof. Geun-Sik Lee					
	16:00 ~ 18:00	Oral presentation	S1-2 (Prof. Yong-Soo Kim)	S2-2 (Prof. Insoo Koo)	S3-2 (Prof. Kyoung-Kwan Ahn)	S4-1 (Prof. Hyeon-Cheol Kim)	
Invited talk 1 by Prof. Jangjoon Ik, Sogang University S.Korea			Invited talk 2 by Prof. Zhu han, University of Houston USA	6 presentations	7 presentations		
		5 presentations	5 presentations				
18:10 ~ 18:40	Move from the Univeristy of Ulsan to the Welcome-party place (Mokhwa Wedding Hall (5F))						
19:00 ~ 22:00	Welcome Party						

June 1	09:00 ~ 10:40	Oral presentation	S1-3 (Prof. Kwang-Sun Ryu)	S2-3 (Prof. Myung-Kyun Kim)	S3-3 (Prof. Sang-Wook Lee)	S6-2 (Prof. Ik-Keun Yoo)	
				Invited talk 3 by Prof. Dhananjay Singh, Hankuk University of Foreign Studies S.Korea		Invited talk 4 by Prof. Taehyun Bae, Nanyang Technological University (NTU) Singapore	
			6 presentations	4 presentations	5 presentations		5 presentations
	10:40 ~ 11:00	Coffee Break					
	11:00 ~ 12:20	Oral presentation	S1-4 (Prof. Young-Il Lee)	S2-4 (Prof. Ui-Pil Chong)		S4-2 (Prof. Sung-Jin Choi)	
			4 presentations	5 presentations		5 presentations	
	12:30 ~ 13:30	Lunch					
	14:00~15:10	Poster presentation	P-1 (Dr. Youngdoo Lee & Dr. Vuvan Hiep)				
			Section 2, Section 3, Section 4 15 presentations				
	15:10~15:30	Coffee Break					
15:30~16:40	Poster presentation	P-2 (Prof. Jin-Chun Kim)					
		Section 1, Section 5, Section 6 17 presentations					
16:40~17:00	Coffee Break						
17:00~18:00	Poster presentation	P-3 (Prof. Vladimir V. Shakhov)					
		Section 1~6 43 presentations					
18:10 ~ 18:40	Move from the Univeristy of Ulsan to the Closing-Ceremony Place (Hotel Shilla stay (2F))						
19:00 ~ 22:00	Closing Ceremony & Dinner						

June 2	08:30 ~ 09:00	Check-out	Hotel Shilla Stay, Ulsan (1F)
	09:00 ~ 14:30	Technical Tour	HYUNDAI Heavy Industries and Daewangam Park

No.	Affiliation	Paper No.	Title	1st Author	Author	Remarks
S1-1-1	HUST	1570343821	Preparation and Characterization of PVDF/Nano-Ag Composites with Enhanced Dielectric Property	Ling Weng	Ling Weng; Hongxia Li; Xiaorui Zhang; Lizhu Liu	
S1-1-2	UOU	1570345896	Temperature-dependent structural, optical, and thermoelectric properties in V2O ₅ thin films	M. Kang	M. Kang; S. Kim	
S1-1-3	TPU	1570349786	Study of Sintering of the Translucent Cubic Zirconia Ceramics	Vladimir Paygin	Aleksei Khasanov; Vladimir Paygin; Edgar Dvilis; Oleg Khasanov; Galina Lyamina	
S1-1-4	HUST	1570352118	Cu/Sn Solid-Liquid Interface IMC Growth and Evolution by Dipping Method	Zuozhu Yin	Zuozhu Yin; Fenglian Sun	
S1-1-5	UOU	1570350432	Optimal Experimental conditions of STS316L Metal Products Produced by Selective Laser Sintering	Jin-Chun Kim	Jin-Chun Kim	
S1-1-6	UOU	1570348406	Facile Synthesis of Nitrogen, Sulphur and Phosphorous ternary-doped reduced graphene oxide for capacitive performance	Mahima Khandelwal	Mahima Khandelwal; Byeongsu Kim; Yuan Yuan Li; Jin Suk Chung	
S1-1-7	UOU	1570350345	First-Principles Modeling of Hofmann-type MOF for Drug Delivery	Bikash Mandal	Bikash Mandal; Yuan Yuan Li; Jin Suk Chung; Sung Gu Kang	
S1-2-1	HUST	1570345032	Enhanced anticorrosive property of epoxy resin coating by graphene	Xu Huanyan	Xu Huanyan	
S1-2-2	MUST	1570343341	Synthesis and characterization of Ni particles	Tsermaa Galya	Tsermaa Galya	
S1-2-3	UOU	1570350434	Fabrication of ABS-Ni composite filament for 3D printing by using the Milling and subsequent extrusion method	Jin-Chun Kim	Jin-Chun Kim	
S1-2-4	UOU	1570344718	Graphene@CdS attached upconversion metal organic nanocapsules for enhanced water splitting	Seung Hyun Hur	Seung Hyun Hur; Lijun Sui; Linlin Wang; Sundaram Chandrasekaran; Yen-linh Thi Ngo; Wei An	
S1-2-5	UOU	1570348397	Self Carbonate Doped Iron-cerium@graphene oxide composite for Organic Dyes Degradation	Aniruddha Molla	Aniruddha Molla; Byeongsu Kim; Yuan Yuan Li; Jin Suk Chung	
S1-3-1	MUST	1570348464	A study of Ferrospheres in the Coal Fly Ash	Ganbat Batdemberel	Ganbat Batdemberel	
S1-3-2	NSTU	1570350352	Purification of carbon nanofibers by nitric acid	Alexander Bannov	Alexander Bannov	
S1-3-3	UOU	1570350428	Characteristics of some commercial copper backing shoes using in welding pipe machine	Jin-Chun Kim	Jin-Chun Kim; Thuyet Nguyen	
S1-3-4	UOU	1570350429	A study on Effects of Different ambient conditions on Properties of Cu particle and Cu nanofluid Synthesized by Electrical Explosion of Wire	Jin-Chun Kim	Jin-Chun Kim	
S1-3-5	UOU	1570349722	Photo-enhanced selective hydrogenation of nitroarenes using Pt/ZnO catalyst	Yen-linh Thi Ngo	Yen-linh Thi Ngo; Linlin Wang; Eui Jung Kim; Doan Van Thuan	
S1-3-6	UOU	1570348408	The Properties of Hydrogen Storage on K1-xMxMgH ₃ (M = Li, Na, Rb, or Cs) Perovskite Hydrides: A First-Principles Study	Yuan Yuan Li	Yuan Yuan Li; Byeongsu Kim; Sung Gu Kang; Jin Suk Chung	
S1-4-1	HUST	1570346949	Simulation Analysis of Electrical Field Distribution in HVDC Cable Joints	Ruimin Zhang	Ruimin Zhang; Peihong Zhang	
S1-4-2	MUST	1570346597	A study on the crosslinking of the PVA/LA polymer films	Solongo Ganbold	Solongo Ganbold	
S1-4-3	UOU	1570349051	Effect of Ultrasonic Assisting Spin Coated Hole Transport Layer in Organic Solar Cell	Jong-Won Yun	Jong-Won Yun; Se-Jeong Jang; Yong Soo Kim	
S1-4-4	MUST	1570351697	Chemical assessment study of bioactive components such as polyphenolic and vitamin families from Seabuckthorn (Hippophae Rhamnoides.L) pulp extraction in Mongolia	Turmunkh Gerelchuluun	Turmunkh Gerelchuluun	
S2-1-1	MUST	1570350102	The method to predict the actions of the person by examining the amount of the alcohol in the blood	Munkhjargal Purevdorj	Munkhjargal Purevdorj; Taivanjargal Dovchin; Ganbat Tsend	
S2-1-2	HUST	1570345070	A Gaze-Tracking System Based On Iteration Threshold	Lin lin Li	Lin lin Li; Peng Wang; Minglei Shao	
S2-1-3	Other	1570352452	Digital Organizational Communication Targeting Hard-To-Reach Employees: A Field Study of A Digital Signage Experience	Placide Poba-Nzaou	Placide Poba-Nzaou; Sylvestre Uwezeyemungu; Youssouph Coulibaly; Aiss Adéromou Boris	
S2-1-4	HUST	1570348405	Visible Nearest Surrounding Query in Obstacle Space Based on Hybrid Index	Dongpu Sun	Dongpu Sun; Chong Wang; Deyun Chen; Xueyao Gao; Xiaohua Sun; Lil Wang	
S2-1-5	UOU	1570345569	Secure Multi-hop Data Transmission of Cognitive Radio Networks with Attacks in Physical Layer	Duy Thanh Pham	Duy Thanh Pham; Vu Van Hiep; Insoo Koo; Vladimir V. Shakhov	
S2-1-6	UOU	1570345570	EECOR: An Energy Efficient Cooperative Opportunistic Routing Protocol for Underwater Acoustic Sensor Networks	Md Arifur Rahman	Md Arifur Rahman; Youngdu Lee; Insoo Koo	
S2-1-7	UOU	1570349617	Automated Feature Extraction for detecting Brain Tumors in Magnetic Resonance Imaging using a Genetic Algorithm	Md Junayed Hasan	Md Junayed Hasan; Dileep Appana; Jongmyon Kim; Sohaib Muhammad	
S2-2-1	MUST	1570350559	Performance Analysis of Network Topology for Freight Train Monitoring	Khishigjargal Gonchigsuulaa	Khishigjargal Gonchigsuulaa	
S2-2-2	MUST	1570349900	Development Issues of ICT Sector in Mongolia	Bayagsalan Tsetsgee	Bayagsalan Tsetsgee; Burmaa Myagmar	
S2-2-3	HUST	1570344863	A Multi-Objective Algorithm of Complex Product Flexible Scheduling Based on Priority Rule Sequence	Zhiqiang Xie	Zhiqiang Xie; Yingchun Xia; Yu Xin	
S2-2-4	UOU	1570345604	Secure Transmit Design for SWIPT System with Passive Eavesdropper	Pham Viet Tuan	Pham Viet Tuan; Insoo Koo	
S2-2-5	UOU	1570345551	Sensor Faults Classification using Support Vector Machine and Statistical Time-Domain Features	Sana Ullah Jan	Sana Ullah Jan; Insoo Koo	
S2-3-1	Other	1570347225	Detection of Nonlinearly Distorted OFDM Signals via Generalized Approximate Message Passing	Sergey Zhidkov	Sergey V. Zhidkov	
S2-3-2	MUST	1570350541	Technology Readiness Level of Information Telecommunication Sector Research in Mongolia	Yadamsuren Ouyntungalag	Yadamsuren Ouyntungalag	
S2-3-3	UOU	1570346503	Malicious User Mitigation Based on Similarity Based Correlation Sensing Scheme in Cognitive Radio Network	Muhammad Sajjad Khan	Muhammad Sajjad Khan; Insoo Koo	
S2-3-4	UOU	1570344182	Automatic Collision Avoidance Control for Quadcopter using PWM signals	Uipil Chong	Uipil Chong	
S2-4-1	HUST	1570346321	Telemedicine System Based on Portable EEG Signal Acquisition Equipment	Yonghao Jing	Yonghao Jing; Peng Wang; Shanshan Li	
S2-4-2	NSTU	1570352675	The Data Processing and Decision Support in Healthcare Systems	Pavel Stashevsky	Pavel Stashevsky; Irina Yakovina; Natalya Bannova	
S2-4-3	UOU	1570345544	Delay-Based Channel-Aware Routing Protocol for Underwater Cognitive Acoustic Networks	Huma Ghafoor	Huma Ghafoor; Youngtae Noh; Insoo Koo	
S2-4-4	UOU	1570350987	Revealing the social group structure using human encounter traces	Cong-Binh Nguyen	Cong-Binh Nguyen; Seokhoon Yoon	
S2-4-5	UOU	1570345665	A Study on Quantum Stabilizer Codes with Length 7	Duc Nguyen	Duc Manh Nguyen; Sunghwan Kim	
S3-1-1	HUST	1570345035	Research on Field Precision Spraying Operation System in Remote Monitoring	Luo Zhongming	Luo Zhongming; Zeng Li; Liu Zhofu; Ma Yi bo	
S3-1-2	MUST	1570350204	Employability Skills of Students majoring Mechanical Engineering	Chuluuntsetseg Lkhagvasuren	Chuluuntsetseg Lkhagvasuren	
S3-1-3	UOU	1570352490	Labview FPGA based Robot ManipulatorControl	Hee-Jun Kang	Hee-Jun Kang; Tien Dung Le; Quang Dan Le	
S3-1-4	UOU	1570352285	Adaptive tracking control of robot manipulators using neural network for friction and uncertainties compensation	Anh-Tuan Vo	Anh-Tuan Vo; Hee-Jun Kang; Tien Dung Le	
S3-1-5	UOU	1570350889	Transient Simulation for Heat Transfer and Pressure Drop of a Helical Heat Exchanger	Geun-Sik Lee	Geun-Sik Lee; Tu Ngo; Minh Phu Nguyen	
S3-1-6	UOU	1570352224	A Robust Fault Diagnosis for the Robot Manipulator using Third Order Sliding Mode Linear Observer	Van-Cuong Nguyen	Van-Cuong Nguyen; Hee-Jun Kang	
S3-2-1	MUST	1570345586	Comparative Study on Multivariable Control of a Drum Boiler	Ulemj Damiran	Ulemj Damiran; Fu Caifen; Tan Wen	
S3-2-2	MUST	1570349844	Comparative study on fuel consumption for city buses	Altantsetseg Tseveg	Altantsetseg Tseveg	
S3-2-3	UOU	1570346484	Effect of process parameters on the deformation of nickel-chromium alloy printed by Selective Laser Melting	Hong-Seok Park	Hong-Seok Park; Nguyen Son	
S3-2-4	UOU	1570350293	Hydraulic Simulation for Valve System of Double Arm Excavator in Disaster Environment	Quang Hoan Le	Quang Hoan Le; Soon Yong Yang; Jong Woo Kim	
S3-2-5	UOU	1570350916	Flow Characteristics of the Automobile Muffler by Inserting the V-shape Structure	Geun-Sik Lee	Geun-Sik Lee; Tianjun Zhou; Jong-Hwa Jung	
S3-2-6	UOU	1570350923	Heat transfer analysis for the steel plate with a heat source in the preheating process of welding	Geun-Sik Lee	Geun-Sik Lee; Jun Ho Go	
S3-3-1	UOU	1570350928	Effect of the Inlet Location of the Recirculating Casing Treatment on the Performance of a Turbocharger Compressor	Geun-Sik Lee	Geun-Sik Lee; Tianjun Zhou	
S3-3-2	UOU	1570352274	Application of Fourier Polynomials for Compensation of Non-Geometric Errors in Industrial Robots	Phu-Nguyen Le	Phu-Nguyen Le; Hee-Jun Kang	
S3-3-3	UOU	1570352432	GPU Parallel Computing Performance of Finite Element Sparse Matrix Solver	Khai Nguyen	Khai Nguyen; Tuan Nguyen; Sang-Wook Lee	
S3-3-4	Other	1570356588	Phonon Crystals as Elements of the Broadband Vibration and Noise Protection Systems	Vladimir Goverdovskiy	Vladimir Goverdovskiy; Chang Myung Lee; Sergey Sukhinin; Antor Konstantinov; Artyom Trilis; Vadim Yurkovskiy	
S3-3-5	Other	1570356585	Developmental Trends of Transport Vibration Protection Systems with Extreme Characteristics	Chang Myung Lee	Chang Myung Lee; Vladimir Goverdovskiy	
S4-1-1	HUST	1570351889	Galloping Feature Extraction and Parameter Analysis of Transmission Line Based on Improved Frame Difference Method	Feng Zhou	Feng Zhou; Guixin Ren; Ting Hao	

No.	Affiliation	Paper No.	Title	1st Author	Author	Remarks
S4-1-2	MUST	1570343925	Development of optimal patterns of energy transmission in power network	Sodnomdorj Dari	Sodnomdorj Dari	
S4-1-3	MUST	1570350163	Comperative study of wind speed Weibull probability distribution paramete estimation methods in case of the Mongolian South Gob	Bavuudorj Ovgor	Bavuudorj Ovgor; Enkhjargal Khaltar	
S4-1-4	MUST	1570350221	The study of remained oil in Mongolia	Solongo Zorigt	Solongo Zorigt; Alimaa Vanganjal; Siilegmaa Sereenen	
S4-1-5	MUST	1570350403	Spectrum analysis by using detection earthing fault condition for electric equipment	Purevdash Davaajav	Purevdash Davaajav; Chuulan Natsagdorj; Purvee Ariunbolor	
S4-1-6	UOU	1570347743	Sensorless Induction Motor Drives Based on Torque-MRAS	Bigyan Basnet	Bigyan Basnet; Hong Hee Lee	
S4-1-7	UOU	1570351048	Design of PV Model-based Solar Array Simulator Engine using Optimization Method	Young Tae Seo	Young Tae Seo; Wellawattage Thusitha Wellawatta; Sung Jin Choi	
S4-2-1	MUST	1570352016	Multi-agent voltage control in multiconnected electric networks	Nurlan Karjaubayev	Nurlan Karjaubayev; Alexander Fishov; Enkhsaikhan Erdenebat	
S4-2-2	NSTU	1570350602	Electric-based vibrational energy harvester with out-of-plane gap closing topology	Vitaly Dorzhiev	Vitaly Dorzhiev; Dmitry Ostertak; Valery Dragunov	
S4-2-3	NSTU	1570350629	Current Controller Design of a Battery Discharge Unit for Space Applications	Denis Makarov	Denis Makarov; Valery D. Yurkevich; Dmitriy Korobkov; Sergey Kharitonov	
S4-2-4	UOU	1570349930	A Control Strategy to Reduce the Input Current Harmonics of AC/DC Matrix Converter under Unbalanced Input Voltages	Luan Luan	Luan Luan; Hong Hee Lee	
S4-2-5	UOU	1570351054	An Optimal Design of Series-Series Resonant Energy Link in Wireless Power Transfer	Chae-Ho Jeong	Chae-Ho Jeong; Sung Jin Choi	
S5-1-1	MUST	1570349245	Duration of the Cold and Warm Seasons and Temperature Fluctuations Across Zero Degrees and Their Implications for Civil Engineering in Mongolia	Dashjams Dalai	Dashjams Dalai	
S5-1-2	MUST	1570349756	Damage Analysis of Reinforced Concrete Structures of Precast Buildings	Duinkherjav Yagaanbuyant	Duinkherjav Yagaanbuyant	
S5-1-3	MUST	1570350128	Urban planning of Smart Ulaanbaatar	Enktuvshin Jaltsav	Enktuvshin Jaltsav; Zagdkhorol Bayasgalan	
S5-1-4	MUST	1570350441	Creation of Digital Terrain Models from satellite imagery and LIDAR data for large scale topographic maps	Javzandulam Bataa	Javzandulam Bataa	
S5-1-5	UOU	1570343501	Emergy for the Sustainability Assessment of the Nepal Economy	Keshab Shrestha	Keshab Shrestha; Hung Suck Park	
S5-1-6	UOU	1570345566	Dual roles of CD137 in anti-bacterial responses	Byung-Sam Kim	Byung-Sam Kim; Seong-A Ju	
S6-1-1	HUST	1570344815	A Transfer Learning Algorithm Based on Regularized Discriminant Analysis	Lili Wang	Lili Wang; Deyun Chen; Xueyao Gao; Xiaohua Sun; Dongpu Sun	
S6-1-2	MUST	1570350170	Static imaging method for monitoring on base course structure of road in Mongolia	Munkherdene Tsagaanbataa	Munkherdene Tsagaanbataa; Tserentogtokh Delgermurun; Delgermaa Baliinnvam	
S6-1-3	UOU	1570351041	A Modeling of Integrated Transformer using PSIM Magnetic Elements	Hee-Su Choi	Hee-Su Choi; Sung Jin Choi	
S6-1-4	UOU	1570343730	Batch Adsorption of Diesel Oil using Activated Clay: Definitive Screening Design	Angelo Earvin Choi	Angelo Earvin Choi; Hung Suck Park; Susan Rocces; Nathaniel Dugos; Meng-Wei Wan	
S6-1-5	UOU	1570350323	A Study on Analytical Prediction of Punch Strength Required for Ultra High Strength Parts in Piercing Process after Hot Stamping	Rui Li	Rui Li	
S6-1-6	UOU	1570345611	Carbonylation of glycerol and urea over Zn/Al mixed oxide catalysts: homogeneous and heterogeneous catalysis	Huy Nguyen-Phu	Huy Nguyen-Phu; Eun Shin; Hongyan Yu; Lien Do Thi	
S6-1-7	MUST	1570344930	Engineering of access point , its analytical modeling of empirical wifi traffic	Dashdorj Kheimchig	Dashdorj Kheimchig	
S6-2-1	HUST	1570345153	An improved KeyGraph algorithm based on KD-tree	Xiaohua Sun	Xiaohua Sun; Deyun Chen; Lili Wang; Dongpu Sun; Xueyao Gao	
S6-2-2	Other	1570350375	Unmanned Aerial Vehicle-Based Automated Inspection System for High Voltage Transmission Lines	Uranchimeg Tudevtagva	Uranchimeg Tudevtagva; Batbayar Battseren; Wolfram Hardt; Stephan Blokzy; Mirko Lippmann	
S6-2-3	TPU	1570350003	Increasing of gasoline and gas production in catalytic cracking technology taking into account catalyst activity	Valeria Stebeneva	Valeria Stebeneva; Galina Nazarova; Tanya Shafran; Elena Ivashkina	
S6-2-4	UOU	1570345603	Modification of Nickel Titanate by Doping Molybdenum into Lattice Structure	Thanh-Truc Pham	Thanh-Truc Pham; Kaiming Jiang; Eun Shin; Hae Won Jung	
S6-2-5	UOU	1570346585	An Estimation of Wave Loads on the FLP for LSRU	Jin-An Oh	Jin-An Oh; In-Kyu Park; Jin-Tae Lee	

No.	Affiliation	Paper No.	Title	1st Author	Author	Remarks
P-1-1	MUST	1570346702	ICT Competency Level of Teacher in the MUST	Ariunaa Khashkhuu	Ariunaa Khashkhuu	
P-1-2	Other	1570352028	Evaluation of Wireless Sensor Network Reliability with use of Reliability Bounds Cumulative Updating	Denis Migov	Denis Migov	
P-1-3	MUST	1570350500	Efficient Dynamic Algorithms for GTS Allocation of Wireless Sensor Network in Rail Communications	Erdenebayar Lamjav	Erdenebayar Lamjav; Khishigjargal Gonchigsuulaa; Otgonbayar Bataa; Kim Young-il	
P-1-4	UOU	1570345595	Full-Duplex Half-Duplex Transmission Mode Switching Schedule in Cognitive Radio Networks with Energy Harvesting	Tran Nhut Khai Hoan	Tran Nhut Khai Hoan; Insoo Koo	
P-1-5	UOU	1570351549	Reducing Delivery Latency in Wireless Sensor Networks with Heavy Traffic Load	Myung Kyun Kim	Myung Kyun Kim; Minh Ngoc Nguyen	
P-1-6	UOU	1570345581	A Cognitive Radio-Based Early Warning System to Mitigate the Damages of Flash Floods	Saeed Ahmed	Saeed Ahmed; Youngdu Lee; Insoo Koo	
P-1-7	UOU	1570351177	A Node Distribution Scheme for Maximizing Network Lifetime in Wireless Sensor Networks	Nga Dao	Nga Thi Dao; Seokhoon Yoon	
P-1-8	UOU	1570345571	Accurate multi-Bit Hard Decision Combination for Cooperative Spectrum Sensing in Cognitive Radio Networks	Hurmat Shah	Hurmat Shah; Insoo Koo	
P-1-9	UOU	1570351133	Reliable Bearings Fault Diagnosis of Induction Motor Using Envelope Spectrum Analysis and Support Vector Machines	M M Manjurul Islam	M M Manjurul Islam; Wasim Ahmad; Jongmyon Kim	
P-1-10	UOU	1570351740	Green Submarine: Context-Aware Automatic Reactor App	Jae-Hak Bae	Jae-Hak J. Bae; Byung-gul Kim; Seonghoon Jeong; Wonchan Jang	
P-1-11	MUST	-	Possibility of Cellular IoT based on LTE networks	Otgonbayar Bataa	Otgonbayar Bataa	
P-1-12	UOU	1570345567	Game Theory Based Available Channel Competing Scheme for Cognitive Machines in Military Networks	Vu Van Hiep	Vu Van Hiep; Insoo Koo	
P-1-13	UOU	1570350767	Nonlinear Position Control of an Electrohydraulic Series Elastic Manipulator using a Backstepping Sliding Mode Technique	Nhat Nguyen	Nhat Nguyen	
P-1-14	UOU	1570345573	Optimal Relay Selection Scheme for Maximizing Secrecy Throughput in Cognitive Radio Network	Huong-Giang Hoang	Huong-Giang Hoang; Vu Van Hiep; Duy Thanh Pham; Insoo Koo	
P-1-15	UOU	1570351005	Bearing Fault Detection using Adaptive Filter and Computed Order Tracking	Ulipil Chong	Ulipil Chong	
P-2-1	UOU	1570349434	Metal-free electrocatalyst for oxygen reduction reaction using B-doped graphene quantum dots/graphene hybrids	Tran Van Tam	Tran Van Tam; Sujin Kim; Won Mook Choi	
P-2-2	UOU	1570349436	Synthesis of amino-functionalized graphene quantum dots for selective fluorescent probe toward copper ions	Tran Van Tam	Tran Van Tam; Seungdong Seo; Won Mook Choi	
P-2-3	UOU	1570344713	NiMn2O4 spinel binary nanostructure decorated on three-dimensional graphene oxide hydrogel for non-enzymatic glucose sensor and energy storage	Yen-linh Thi Ngo	Yen-linh Thi Ngo; Lijun Sui; Linlin Wang; Seung Hyun Hur; Wei An	
P-2-4	UOU	1570349734	Selective reduction of o-nitroaniline using graphene/ZnO quantum hybrid as a non-metal catalyst	Eui Jung Kim	Eui Jung Kim; Linlin Wang; Lijun Sui; Doan Van Thuan	
P-2-5	UOU	1570349781	The conducting poly(pyrrrole-acrylonitrile/butylacrylate) core-shell binder and its performance in anodes of Lithium-ion batteries	Yanchunxiao Qi	Yanchunxiao Qi	
P-2-6	UOU	1570349784	An application of nano-sized silicon with core-shell structure to lithium-ion anodic material	Chengxiang He	Chengxiang He	
P-2-7	UOU	1570349800	Study of Sodium-Carboxymethyl Cellulose Binder on the Performance of Carbon Electrochemical Double-Layer Capacitors	Seul Lee	Seul Lee	
P-2-8	UOU	1570352436	Multi-scale Model for Pulse Wave Propagation Analysis in Human Cardiovascular System	Minh Tran	Minh Tran; Tuan Nguyen; Sang-Wook Lee	
P-2-9	UOU	1570348784	Large Electric Field-Induced Strain in La-Doped Bi-Perovskite Ceramics	Jae-Shin Lee	Jae-Shin Lee; Thi Hinh Dinh; Hyoung-Su Han	
P-2-10	UOU	1570349749	The effect of sintering time on the electromechanical strain properties of lead-free relaxor Bi1/2(Na0.82K0.18)1/2TiO3/0.988Bi1/2(Na0.78K0.22)1/2TiO3-0.02LaFeO3	Hyoung-Su Han	Hyoung-Su Han; Dae-Jun Heo; Chang-Heon Lee; Thi Hinh Dinh; Jae-Shin Lee	
P-2-11	UOU	1570349793	Poly(acrylamide-co-acrylonitrile) grafted Pectin as an efficient binder for Silicon/Graphite anodes of Lithium ion batteries	Eun-Suok Oh	Eun-Suok Oh; Bolormaa Gendensuren	
P-2-12	UOU	1570346587	Removal of Pb2+ from wastewater by enzymatically-polymerized adsorbent	Yue Xu	Yue Xu; Seul Lee; Ik-Keun Yoo; Keungarp Ryu	
P-2-13	UOU	1570341169	Colocalization of Pyrococcus horikoshii glutamate decarboxylase and Escherichia coli GABA transporter by synthetic scaffold for the improved GABA production	Soonho Hong	Soonho Hong; Sivachandiran Somasundaram; Hyeon Jin Jang; Jae Hoon Jeong; Taehee Kwon; Ik-Keun Yoo	
P-2-14	UOU	1570341147	Development of methanol sensing Escherichia coli using the chimeric two-component system from Paracoccus denitrificans	Soonho Hong	Soonho Hong; Vidhya Selvamani; Hyeon Jin Jang; Jae Hoon Jeong; Taehee Kwon; Ik-Keun Yoo	
P-2-15	UOU	1570345637	Formation of Zinc Glycerolate in Direct Carbonation of Glycerol with CO2 over La2O3/ZnO Catalysts	Hongyan Yu	Hongyan Yu; Huy Nguyen-Phu; Lien Do Thi; Yong Men; Eun Shin	
P-2-16	UOU	1570345600	Role of CeO2, CexZr1-xO2 and CexZr1-xO2-Al2O3 supports in Vacuum Residue cracking with steam	Lien Do Thi	Lien Do Thi; Huy Nguyen-Phu; Hae Won Jung; Hongyan Yu; Eun Shin	
P-2-17	UOU	1570345730	Preparation of Co-NiTiO3 Materials by a Solvothermal Method	Kaiming Jiang	Kaiming Jiang; Thanh-Truc Pham; Hae Won Jung; Yong Men; Eun Shin	
P-3-1	NSTU	1570351519	Directivity properties of radiation from crossed dipole-like antennas fed by waveguide	Anatoly Gorbachev	Anatoly Gorbachev	
P-3-2	NSTU	1570351836	Electric Parameters Identification of Synchronous Generator Connecting to the Distribution Grid	Mikhael Frolov	Mikhael Frolov; Alexander Fishov	
P-3-3	MUST	1570350220	The light pollution by the urban roadlightings	Orgilbold Sainbileg	Orgilbold Sainbileg; Enkhjargal Khaltar	
P-3-4	NSTU	1570351927	Analysis of seismic signals preliminary processing influence on classification results	Yury Morozov	Yury V Morozov; Michael Rajfeld; Alexander Spector	
P-3-5	NSTU	1570351451	The Analysis of Current and Voltage Harmonic Content of Substation 35/6 kV in the Autonomous Power System and Higher Harmonics Limitation	Vyacheslav Zryryanov	Vyacheslav Zryryanov; Natalya Kiryanova; Nikolay Mitrofanov	
P-3-6	MUST	1570350548	Effects Of Urban Infrastructure Development On Air Pollution In Ulaanbaatar, Mongolia	Bayarmaa Dashjants	Bayarmaa Dashjants	
P-3-7	NSTU	1570351492	Multifactorial Estimation of Geoeological Risks for Environment	Marat Khairetdinov	Marat Khairetdinov; Gylunara Voskoboinyko; Kholmatjon Imomnazarov	
P-3-8	NSTU	1570352147	Diffusion of Innovations in the Russian Federation Geopolitical Space	Vladimir Petrov	Vladimir Petrov; Igor Korei; Natalia Kafidova	
P-3-9	MUST	1570342422	Synthesis and characterization of ZnO nanoparticles	Enkhtuya Turtogtokh	Enkhtuya Turtogtokh	
P-3-10	NSTU	1570351908	Dynamic model of the synchronous impact electromagnetic drive mechatronic module	Lyudmila Neyman	Lyudmila Neyman; Vladimir Neyman	
P-3-11	MUST	1570349775	Ventilation system improvement study of metal workshop of Erdenet ore processing factory	Enkhjargal Khaltar	Enkhjargal Khaltar; Namkhainyam Busjav; Byambatsogt Pashka; Battogtokh Zagd; Bavuudorj Ovgor	
P-3-12	MUST	1570352145	Using Vehicle Utilization Measurements as a Tool to Monitor Freight Transport Costs	Delgernasan Mishig	Delgernasan Mishig	
P-3-13	NSTU	1570343214	Implementation of Semantic Analyses in the Computer Sign Language Translation System	Mikhail Grif	Mikhail Grif; Evgeny Tsoy; Yuliya Manueva	
P-3-14	MUST	1570344216	A Novel Process for Bundling Nano-Fibers and The Mechanical Properties of The Nano-Fibrous Yarns	Ganbat Tumen-Ulzii	Ganbat Tumen-Ulzii	
P-3-15	NSTU	1570345166	Hot Pressing of Finely Dispersed Boron Carbide with Chromium Carbide (Cr3C2) as Sintering Additive	Yurii Krutskii	Yurii Krutskii; Nina Cherkasova; Olga Matts; Daria Pershina; Sergei Veselov; Alexandr Sminov	
P-3-16	NSTU	1570350447	Composite Films of Polybenzimidazole Matrix with Graphene Filler as Strain-Sensing Elements	Vitalii Kuznetsov	Vitalii Kuznetsov; Alexander Stefanyuk; Alexander Berdinsky; Viktor Makotchenko; Anatoliy Romanenko; Vladimir Fedorov; Bato Kholkhoev; Vitaliy	
P-3-17	MUST	1570349082	Study on stability of inter-layer defects of composite materials in the elliptic form regarding of nonlinear theories	Lyubovi Bohoeva	Lyubovi Bohoeva; Ganbat Danaa	
P-3-18	NSTU	1570351882	Providing Surface Microgeometry of the Low-Wear Coating by Electro-Diamond Grinding	Kharis Rakhimyanov	Kharis Rakhimyanov; V Yanpolskiy; K Rakhimyanov	
P-3-19	NSTU	1570352126	Influence of tool oscillation frequency on quality of the surface layer and technological possibilities of ultrasonic surface hardening	V Gileta	V Gileta	
P-3-20	NSTU	1570350954	Increasing the regulating ability of wind turbines based on jet drive	Sergey Udalov	Sergey Udalov; Andrey Achitav	
P-3-21	NSTU	1570352324	Synchronized mode operation of distributed generation in power grid	Andrey Marchenko	Andrey Marchenko; Alexander Fishov	
P-3-22	MUST	1570350305	Environmental Issues of the Tourism Industry Development: Case Study of Mongolia	Lkhagvasuren Amartuvshin	Lkhagvasuren Amartuvshin	
P-3-23	NSTU	1570351744	Operational Properties of Gray Cast Iron Parts After Plasma-Ultrasonic Hardening	Kharis Rakhimyanov	Kharis Rakhimyanov; Yuri Nikitin; Yulia Semenova; Andrey Rakhimyanov	
P-3-24	MUST	1570346042	Automated Noise Analysis for Machine Fault Detection	Yanjin Altankhuyag	Yanjin Altankhuyag	
P-3-25	MUST	1570350142	The survey of forecasting on energy and heating production and its consumption in Darkhan city	Galbadrakh Sosorbaram	Galbadrakh Sosorbaram	
P-3-26	MUST	1570350842	Optimization of Extraction and Dyeing Parameters for Natural Dyeing Using Rhubarb(Rheum Undulatum.L)and Nettle(Urtica Cannabina.L)	Tserendulam Surmaakhorol	Tserendulam Surmaakhorol; Nadmid Gongor; Delgermaa Sovd; Soyol-Undrakh Khishigt; Tamara Maamuu	
P-3-27	MUST	1570352723	A Study on the Servo System using Predictive Control Method	Batchimeg Dorjgotov	Batchimeg Dorjgotov; Artarseg Lkhagvasuren; Erdenetssetseg Tserenkhaim; Ulemj Damiran	
P-3-28	MUST	1570344707	A Mobile based Revision Control System for Facilitating Decision Making on a 3D designing	Purevdorj Nyamsuren	Purevdorj Nyamsuren; Davaadorj Nyamsuren	
P-3-29	NSTU	1570352318	The elimination of current overload of parallel transmission lines	Aleksander Dolgov	Aleksander Dolgov; Olga Gorte	
P-3-30	NSTU	1570353360	Simulation of the Multibody System Using the Lagrange Equations of the First Kind	Artem Zagidulin	Artem Ribkhatovich Zagidulin; Evgenii Podrzhin; Gennady Rastorguev	
P-3-31	NSTU	1570352370	Continuous voltage phase shift control in power systems	Viktor Denisov	Viktor Denisov; Anna Arestova; Igor Korotkov; Ilya Dulov	
P-3-32	MUST	1570344153	Survey of Vehicle Detection Methods	Ganbold Ganchimeg	Ganbold Ganchimeg	
P-3-33	MUST	1570349444	Research of machine dynamic	Erdene-Ochir Myal	Erdene-Ochir Myal	

P-3-34	MUST	1570343414	Improvement of the dispatching preplanning process in day-ahead electricity market using a sequential method	Zagdkhorol Bayasgalan	Zagdkhorol Bayasgalan; Bayasgalan Tsetsgee; Francesco Muzi	
P-3-35	MUST	1570344191	A Study on Using Thermal Solar Heating System for Houses and Mongolian Gers	Enkhjargal Khaltar	Enkhjargal Khaltar	
P-3-36	MUST	1570349552	Zero technology of Mongolian large animal bones, to research and produce bone concentrated broth	Damdinsuren Luvsansuren	Damdinsuren Luvsansuren; Chimegee Nagaaranz; Bayasgalan Oyunbaatar	
P-3-37	MUST	1570350029	A study of group arrangements of Y-type perfobond rib shear connector	Altanzagas Ochirdorj	Altanzagas Ochirdorj; Ganzorig Erdene	
P-3-38	MUST	1570343301	Dry Jigging of Coals	Ulziisaikhan Purevsuren	Ulziisaikhan Purevsuren; Namnan Tumurpurev; Enkhbat Dombon	
P-3-39	MUST	1570350019	A study and development of dehairing technology of Mongolian sheep wool	Enkhtuya Dorj	Enkhtuya Dorj; Batbayar Dugarsuren	
P-3-40	MUST	1570345649	Solutions and their expected outcomes of introducing green technology to heating systems in urban settlements of Mongolia	Namkhainyam Busjav	Namkhainyam Busjav	
P-3-41	Other	1570349848	Efficient Electric Powertrain System for Battery-Powered Electric Vehicle	Ahmed Omara	Ahmed Omara; Michael Sleptsov	
P-3-42	HUST	1570338626	Chaotic Isomerism of Data Security in Heat Metering IOT Information System	Guangming Sun	Guangming Sun	
P-3-43	Other	1570345838	Multifactorial prediction of geoeological risks from powerful explosions with application the vibroseismic method	Gyulnara Voskoboynikova	Gyulnara Voskoboynikova; Marat Khairtdinov; Valery Kovalevsky; Galina Sedukhina	