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MONGOLIAN YOUNG RESEARCHER'S
ASSOCIATION OF TECHNOLOGY AND
INNOVATION



MONGOLIAN FOUNDATION FOR
SCIENCE AND TECHNOLOGY



CHAGDARJAV FUND

13th International Conference of Technology and Innovation "KHURELTOGOOT - 2017"

Conference place: 21 October, 2017, at 604, Central Library of Science and Technology at Mongolian University of Science and Technology

PROGRAM

09:30 – 10:00 REGISTRATION
10:00 – 10:30 OPENING CEREMONY OF THE CONFERENCE

PLENARY SESSION OF THE CONFERENCE

10:30 – 11:00 Keynote presenter
11:00 – 11:05 Group photo
11:05 – 11:20 Coffee break

INNOVATION AND APPLIED SCIENCE		TECHNOLOGY AND BASIC RESEARCH	
11:20 – 11:40	TSOLMON Zundui , BAYASGALAN Dugarjav and TURMANDAKH Bat-Orgil, "Comparison of Solar energy prediction models from Weather Forecast using Machine learning"	11:20 – 11:40	UUGANCHIMEG.B , Bayarbat. I, Tsatsral. I, Turmunkh.G "Detection of GMO by PCR in heat treated soybean"
11:40 – 12:00	ORGILBOLD Sainbileg , NAVAANTAYA Dalanbayar, "The research of light pollution caused by urban roads lighting"	11:40 – 12:00	TUMENBAYAR Avirmed , Tungalagtamir B., Avid B., "Simulation of Brown Coal Gasification In Reactor"
12:00 – 12:20	AYURZANA Badarch "An elementary thermal analysis of a Mongolian Ger by the lattice Boltzmann method"	12:00 – 12:20	BYMBADORJ Dondogmeqd , BAIGALTUGS Sanjaa, USUKHBAYAR Baldangombo, "Detecting address which is dangerous from data stream through local network"
12:20 – 12:40	SANJAA Bold , BATCHIMEG Sosorbaram "Automatic License Plate Recognition Using Optical Character Recognition Based on a Multi-Copter"	12:20 – 12:40	ENKH-ERDENE Jargalsaikhan , Mengbo You, Chao Zhang, OYUNDOLGOR Khorloo and Takuya Akashi "3D Head Pose Tracking Based on Depth Image using Genetic Algorithm"
12:40 – 13:00	POSTER SESSION		
13:00 – 14:00	LUNCH BREAK at the MEAL PLUS		

INNOVATION AND APPLIED SCIENCE		TECHNOLOGY AND BASIC RESEARCH
14:00 – 14:20	BATGEREL Tumurbaatar , Chan-Hee Park, Cheol Sang Kim <i>“Electro Magnetic Manipulation System to Actuate Magnetic Robotics for Biomedical Applications”</i>	GUNDSAMBUU Bold , <i>“The study of exploitability air pollution measurement devices”</i>
14:20 – 14:40	BATSANAA Bold , ULAANKHUU Byambasuren, ADIYABAT Enkhjargal, BAYANPUREV Mongol <i>“Design and Validation of a Software Defined Radio Implementation for DVB-T Transceiver”</i>	BATDALAI Sukh , Hiroki Kishikawa, Nobuo Goto, ORGIL Jargalsaikhan, and MUNKHBAYAR Adiya, <i>“Reverse conversion of modulation format from QPSK to BPSK using FWM, interference, and comb-like profiled fiber”</i>
14:40 – 15:00	BATZORIG Lombodorj , Fan-Gang Tseng, <i>“Separation of whole blood for bio-chip design development”</i>	URANCHIMEG Tungalag , PUREVTSEREN Bayarsaikhan, UUGANBAYAR Purevdorj, KHISHIGJARGAL Gonchigsumlaa <i>“Feasibility Study of Power Free Sensing System for Freight Train Monitoring”</i>
15:00 – 15:20	JIGJIDSUREN Namsraijav , <i>“Voltage Level Regulation in 6-10 KV Electric Distribution Network of the Gurvantes Sum, Umnugovi Province”</i>	
15:20 – 15:40	COFFEE BREAK	
15:40 – 16:10	Invited presenter	
16:10 – 16:40	CLOSING CEREMONY OF THE CONFERENCE	

POSTER SESSION

Comparative Study on Fuel Consumption for City Buses

Altantsetseg Tseveg, Bayarsuren Badarch

A Study and Analysis of dyeing by High Performance Liquid Chromatography (HPLC-1620A)

Banzragch Battsetseg, Rentsenkhundev Myagdagmaa

The use of the Matlab and Simulation in Communication Systems

Tserenlkham Batdorj, Nyamsuren Purevsuren

Research and Development on the Solar Air Heater

B.Altanbaatar, E.Zandargiraa, M.Odkhuu, A.Amarbayar

Terminology in Mongolian Language - The Essential Part of Applied Linguistics

Bayarmaa Gurtseden

The Results of The Survey of Heating System of Educational Building №4 of The Essutm

Aurova O. B., Galdanov A. B.

Current Trend of Crisis Management, Some Methodic Aspects

Ganchimeg Jamsran

Ultrasonic Nanocrystal Surface Modification (UNSM) effects of cold steel tools(D2) on tribological and fatigue characteristic

Oyunsuren. G., Ki-bea Hong, Young-sik Pyun

**“Khureltogoot 2017” Organizing Committee
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