

Dear Students,

Important note for students that applied for IES-SPTA:

In this year for the **IEEE ICIT'17** we've received **20** applications for the IEEE IES STUDENT PAPER TRAVEL ASSISTANCE (IES SPTA). The average weighted score is **6.84**. We would like to announce **15 IES SPTA** (recognition diploma plus up-to **USD 2000** travel costs reimbursement) recipients (see table below).

	transaction	Applicant	manuscript title + 3 Minute Movie	all authors
1	TF-001503	Mr. Ye Wang, Texas A&M University, United States, wangye0523@tamu.edu	Combining convolutional neural network and self-adaptive algorithm to defeat synthetic multi-digit text-based CAPTCHA	Ye Wang, Yuanjiang Huang, Wu Zheng, Zhi Zhou, Debin Liu, Mi Lu
2	TF-008583	Mr. Hao Li, National Active Distribution Network Technology Research Center, Beijing Jiaotong University, China, 15121426@bjtu.edu.cn	An Analysis on Plug-in Electric Vehicle's Operating Cost Considering Cost of Battery Capacity Degradation	Hao Li, Su Su, Luobin He, Wenzhong Gao
3	TF-012424	Mr. Milad Dehghani, Sapienza University of Rome, Italy, milad.dehghani@uniroma1.it	Smart wearable technologies: Current status and market orientation through a patent analysis	Milad Dehghani, Rosa maria Dangelico
4	TF-011169	Mr. Jorge Almaguer, Universidad Autonoma de San Luis Potosi, Mexico, jorge.almaguer@alumnos.uaslp.edu.mx	Power Control of a Multi-cell Solid-State Transformer with Extended Functions	Jorge Almaguer, Victor Cardenas, Alejandro Aganza-Torres, Homero Miranda, Janeth Alcalá, Fortino Mendoza-Mondragón
5	TF-013153	Mr. Mohammad Sleiman, Power Electronics and Industrial Control Research Group (GREPCI), Ecole de Technologie Supérieure, Montreal, Quebec, H3C 1K3, Canada, mohammad.sleiman.1@ens.etsmtl.ca	A Simple Control Method for Modular Multilevel Converters	Mohammad Sleiman, Kamal Al-Haddad
6	TF-004545	Mr. Anwar Ul Haq, Technical University Munich, Germany, anwar.haq@tum.de	CLEAR - A Circuit Level Electric Appliance Radar for the Electric Cabinet	Anwar Ul Haq, Thomas Kriechbaumer, Matthias Kahl, Hans-Arno Jacobsen
7	TF-005649	Mr. Amir Ahadi, Memorial University of Newfoundland, Canada, amir.ahadi@mun.ca	Probabilistic Reliability Evaluation for Power Systems with High Penetration of Renewable Power Generation	Amir Ahadi, Syed Enam Reza, Xiaodong Liang
8	TF-009628	Mr. Eduardo Torres, Tecnológico de Monterrey, Mexico, A01211993@itesm.mx	Electromagnetic Induction Generator toward Energy Harvesting for Dynamic Systems	Eduardo Torres, Pedro Ponce, Arturo Molina
9	TF-013358	Mrs. Bitá Arabsalmanabadi, Ecole de Technologie Supérieure (ETS), University of Quebec, Canada, bita.arabsalmanabadi.1@ens.etsmtl.ca	Harmonic Power Flow in Unbalanced and Polluted Radial Distribution Systems	Bitá Arabsalmanabadi, Alireza Javadi, Kamal Al-Haddad
10	TF-009458	Mr. Ivan Villanueva, Tecnológico de Monterrey, Mexico, A01212854@itesm.mx	Stator-Flux-Oriented Sliding Mode Controller for DFIG with Variable Hysteresis Loop for Limiting Switch Frequency of Rotor-Side Power Converter	Ivan Villanueva, Antonio Rosales, Pedro Ponce, Arturo Molina
11	TF-005215	Mr. T. Sreekanth, Indian Institute of Technology Madras, India, yahooksreekanth@gmail.com	A High Gain Grid Connected Single Stage Inverter System with Reactive Power Control	T. Sreekanth, N. Lakshminarasamma, Mahesh Kumar
12	TF-009717	Mr. Olatunji Mumini Omisore, Research Centre for Medical Robotics and Minimally Invasive Surgical Devices, Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, China, omisore@siat.ac.cn	A Geometric Solution for Inverse Kinematics of Redundant Teleoperated Surgical Snake Robots	Olatunji Mumini Omisore, ShiPeng Han, LingXue Ren, Nannan Zhang, Lei Wang
13	TF-002372	Mr. Mohamed Selmy, Ejust, Egypt, mohamed.selmy@ejust.edu.eg	Micro/Macro-Positioning Control of a Novel Contactless Active Robotic Joint Using Active Magnetic Bearing	Mohamed Selmy, Mohamed Fanni, Abdelfatah Mohamed
14	TF-000965	Mr. Hisayoshi Muramatsu, Keio University, Japan, muramatsu@katsura.sd.keio.ac.jp	A Circle Disturbance Observer Based on Spatial Periodicity for Circle Systems	Hisayoshi Muramatsu, Seiichiro Katsura
15	TF-002348	Mr. Mathew Renny Msukwa, Toyohashi University of Technology, Japan, rennymatt@gmail.com	Adaptive Nonlinear Sliding Mode Control with a Nonlinear Sliding Surface for Feed Drive Systems	Mathew Renny Msukwa, Naoki Uchiyama, Ba Dinh Bui

**Mandatory requirements and important notes:**

- I. Students have to present their project in a 3-minute speech (3Ms) with hardware demonstration (if applicable) or video clip.
- II. Please send the declaration and confirmation that you will prepare 3Ms during the conference to Marek Jasinski IES SandYPs-AC Chair ([gold.ies.ieee.chair@gmail.com](mailto:gold.ies.ieee.chair@gmail.com)) as fast as possible.
- III. Your video clip should be sent to:  
Hani Vahedi 3Ms Co-Chair ([hani.vahedi@gmail.com](mailto:hani.vahedi@gmail.com)) with CC to ([gold.ies.ieee.chair@gmail.com](mailto:gold.ies.ieee.chair@gmail.com)) in order to be placed on ICIT 2017 event IEEE IES Facebook:  
<https://www.facebook.com/IndustrialElectronicsSociety/>  
and placed on IEEE IES YouTube channel:  
<https://www.youtube.com/channel/UCKg8GNii0Q-ieXE56AXosGg>.
- IV. Please be sure that during the conference you will have your video available also off-line and the hardware demonstration (if applicable).  
*(Time and place for 3Ms presentation will be announced by the General Chair of the Conference)*
- V. The diplomas for the IES-Student Paper Travel Assistance (IES-SPTA) will be presented during the conference.  
*(Time and place will be announced by the General Chair of the Conference - usually Gala Dinner)*
- VI. Submit your expenses report and choose the IES SPTA payment method (wire transfer or cheque). All documents have to be sent to IES Treasurer prof. Terry Martin:  
[tmartin@uark.edu](mailto:tmartin@uark.edu) with CC to [gold.ies.ieee.chair@gmail.com](mailto:gold.ies.ieee.chair@gmail.com).
- VII. PLEASE NOTE THAT IEEE IES STUDENT PAPER TRAVEL ASSISTANCE consists of:
  - Recognition Diploma and
  - up to USD 2000 travel cost reimbursements.
- VIII. You can find all the necessary information on Industry Electronics Society (IES) web sites:  
<https://www.facebook.com/IndustrialElectronicsSociety/>  
<http://www.ieee-ies.org/students>
- IX. Instruction for travel reimbursements can be found at:  
<http://www.ieee-ies.org/members/treasurer-information>  
Please fill in the following documents:
  - Single or Multi Currency Expense Report Form.
  - Wire Transfer Request Form.
  - Remember to send in pdf your invoices and receipts from e.g. hotel, airplane, conference fee, taxi, bus, train, meals (if the cost was more than USD25).

On behalf of the IEEE IES SPTA Jury:

IES President Kamal Al-Haddad, IEEE IES Treasurer Terry Martin,  
and Conference General Chair: Sheldon S. Williamson, General Co-Chair Chandan Chakraborty  
and Student and Young Professional Activity Committee: Marek Jasinski, Marek Turzynski, Hani Vahedi

*Congratulations and Good Luck,  
IEEE IES Student and Young Professional Activity Chair, Marek Jasinski*