



IPCSD Editorial Meeting

Fernando Briz - IPCSD Chair Luca Solero - IPCSD Vice Chair

Sunday, October 9, 2022





Agenda

- 1. IPCSD Publications Activity Report (Ayman)
- State of Publications in Transactions
- Changes in Publications Operations
 - Special Issues Committee and Deputy EiC
- Joint Publications
- Open Journal of Industry Applications (Pericle)
- 2. Red Flag Papers' Report
- 3. TC IA Transactions awards and ECCE prizes
- 4. EMC procedure to request transactions submission invitations (Greg)
- 5. JESTPE Special Issues

IAS Publications Meeting at ECCE

Tom Nondahl, EIC Transactions on Industry Applications Ayman EL-Refaie, IAS Publications Department Chair



10/09/2022

Editorial Meeting

State Of Transactions



10/09/2022

2022 Transactions Highlights

- Increase in Number of Papers Resumed in 2022
 - 112 papers available per issue vs. 105 planned & published
 - Backlog has increase by one month
- Conference Paper Similarity Check
 - 86 papers returned to authors since Jan-2018
- New Deputy Editor-in-Chief's
 - Dr. Xiaodong Liang for Special Issues
 - Dr. Kashem Muttaqi for Conference Paper Invitations
- IEEE Publications Review Held February 2022
- Impact Factor Increased to 4.079



TIA & IAM Paper History

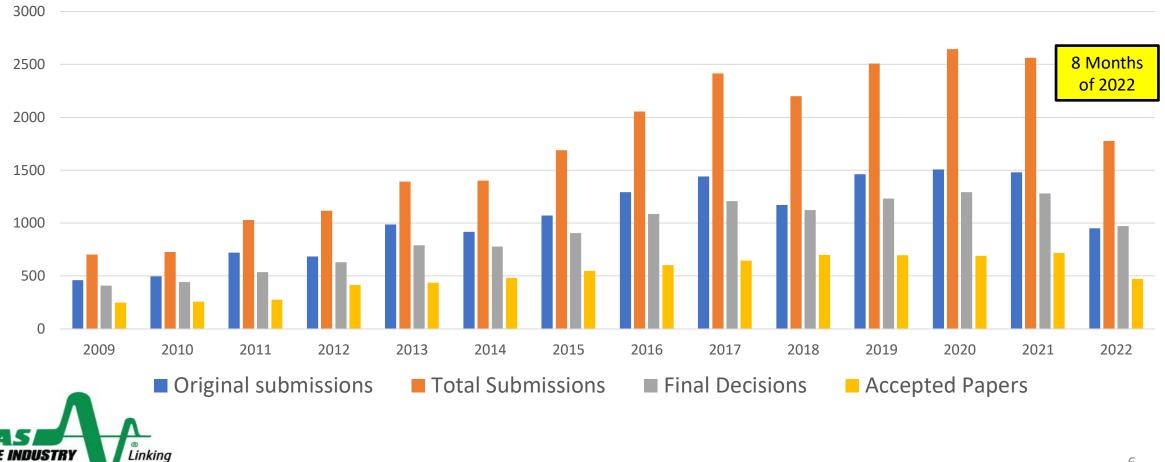
Research

to Practice

TIONS

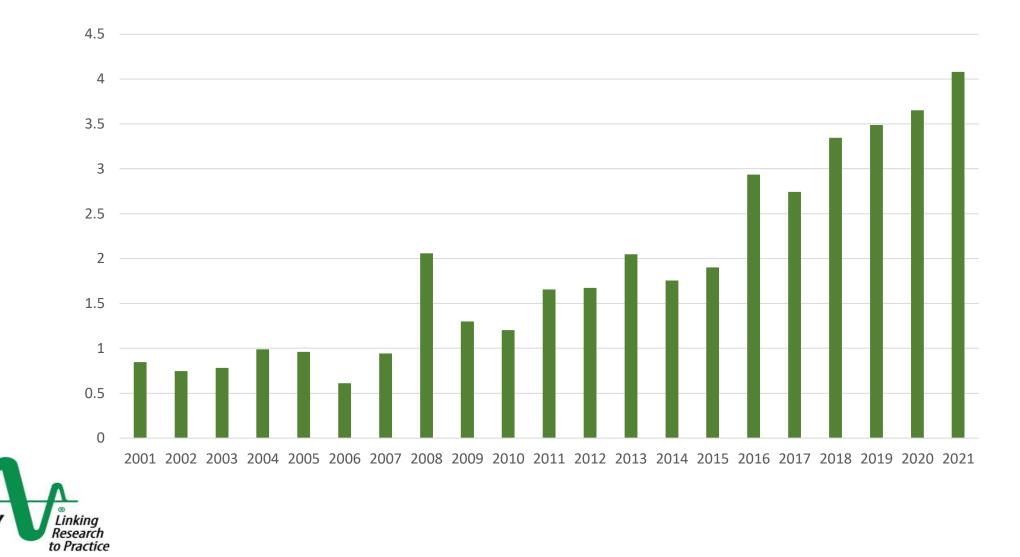
SOCIETY

Papers by Year of Original Submission

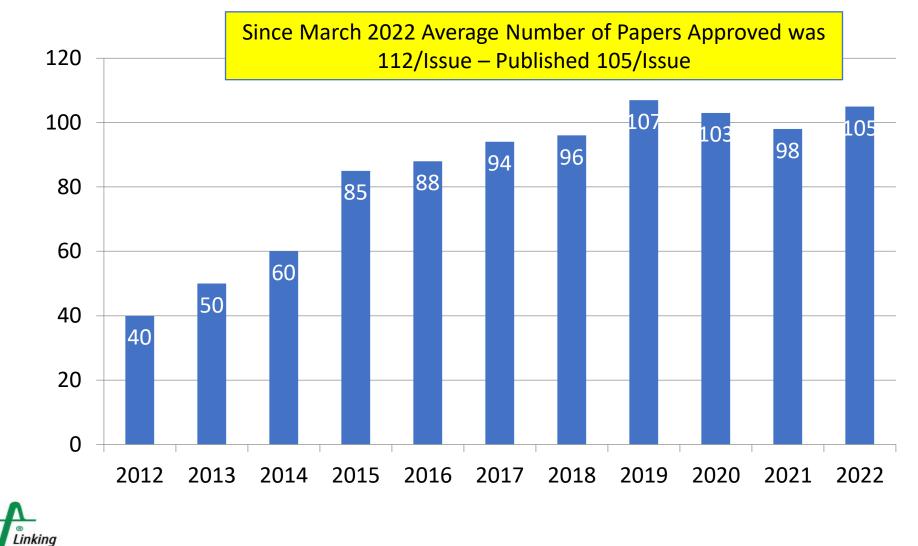


TIA Impact Factor by Year

SOCIETY



Number of Papers in Regular Issues of TIA



Research

to Practice

SOCIETY

Number of TIA Papers and Pages

SOCIETY

to Practice

	Year	# of Papers Printed or *Planned	# of Pages Printed or *Planned	Average # Pages/Paper	Included
	2015	552	5456	9.88	6 Reg. , 1 Sl, Index, Reviewer List
	2016	525	5380	10.25	6 Reg., Index, Recog. of Reviewers
	2017	619	6084	9.83	6 Reg., 1 SI, Recog. of Reviewers
	2018	626	6632	10.60	6 Reg., 1 SI, Recog. of Reviewers
	2019	719	7596	10.56	6 Reg., 2 SI, Recog. of Reviewers
	2020	665	7294	10.97	6 Reg., 2 SI, Recog. of Reviewers
	2021	633	7095	11.21	6 Reg., 2 SI, Recog. of Reviewers (35 paper SI was cancelled)
	2022	*703	*8100	11.52	6 Reg., 3 SI, Recog. of Reviewers
	2023	*695	*8000	11.5	6 Reg., 2 SI, Recog. of Reviewers
IAS IEEE INDUS		nking search 10/09/2022		Editorial Meeting	Reg. = Regular Issue, SI = Special Issue

Special Issues of IEEE Transactions on Industry Applications – Past, 1 of 2

- Nov/Dec 2012 67 papers, Joint Special Issue with PELS
- Nov/Dec 2015 72 Papers, Grounding Systems
- May/Jun 2017 54 Papers, Fault Diagnosis of Electric Machines, Power Electronics and Drives
- Sep/Oct 2018 50 Papers, Grid-Connected Power Electronics Systems: Stability, Power Quality, and Protection
- Nov/Dec 2019 38 papers, High Performance Power Electronic Converters: Topologies, Control, and Devices and 32 papers, Building Automation, Metering and Microgrids for Energy Efficiency in Industrial and Commercial Power Systems



Special Issues of IEEE Transactions on Industry Applications – Past, 2 of 2

- July/Aug 2020 20 papers, Security, Privacy, Trust, and Access Control in Industrial Applications
- Sep/Oct 2020 35 papers, Advanced Approaches and Applications for Electric Vehicle Charging Demand Management
- May/June 2021 18 papers, Multilevel Converter applications in the area of Renewable Energy, More Electric Propulsion, Electric Vehicles and Power Grid integration
- Nov/Dec 2021 30 papers, Magnetically Levitated Motor Systems
- Jan/Feb 2022 32 papers, Advanced and Emerging Technologies of High-efficiency and Long-distance Wireless Power Transfer Systems
- Mar/Apr 2022 32 papers, Advanced Technology and Application for Hydrogen-Integrated Transportation and Power Systems
- Sep/Oct 2022 9 papers, FAST, SUPER FAST and ULTRA SUPER FAST Intelligent and Smart Charging Solutions for Electric Vehicles



Special Issues of IEEE Transactions on Industry Applications - Future

- Jan/Feb 2023 10 papers, Smart Buildings for Smart Cities
- Mar/Apr 2023 15 papers, Design and Optimisation of Electric Motors for Traction Applications
- Jan/Feb 2024 30 papers, Advances in Energy Conversion, Control, Operation and Planning Towards Self-Sustained Highway Transportation Energy System
- Mar/Apr 2024 30 papers, Towards Resilient Power Grids Integrated with High-Penetrated Renewable Energy Sources: Challenges, Opportunities, Implementation Strategies, and Future Perspectives



2021 Original Submissions By Committee

	Original	Revised	Total
Technical Committee	Submissions	Submissions	Submissions
Industrial Automation and Control Committee	245	137	382
Power Systems Engineering Committee	220	137	357
Industrial Power Converter Committee	196	141	337
<mark>Electric Machines Committee</mark>	177	159	336
Industrial Drives Committee	107	74	181
Renewable and Sustainable Energy Conversion Systems Committee	97	77	174
Energy Systems Committee	69	48	117
Transportation Systems Committee	63	47	110
Electrostatic Processes Committee	50	25	75
Power Systems Protection Committee	42	32	74



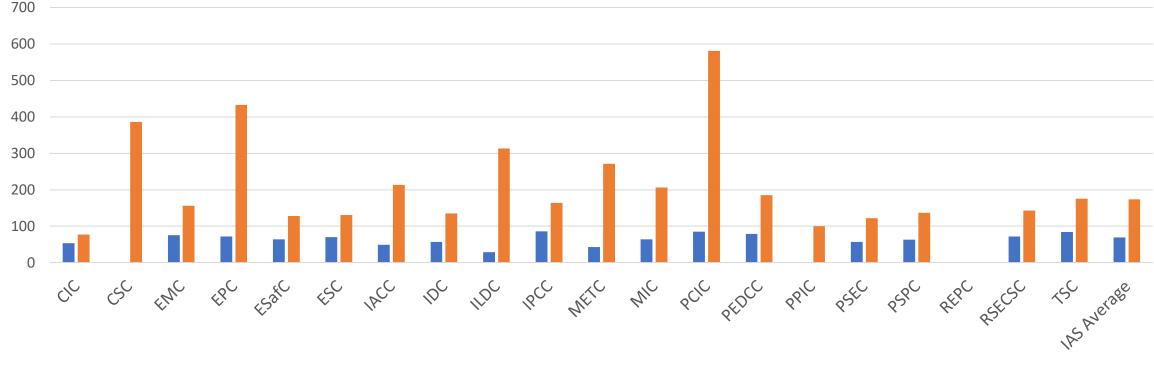
2021 Original Submissions By Special Issue or Committee, Continued

Technical Committee or Special Issue	Original Submissions	Revised Submissions	Total Submissions
Advanced and Emerging Technologies of High-efficiency and Long-distance Wireless Power Transfer	5451115510115	Gubinissions	5451115516115
Systems	41	42	83
Advanced Technology and Application for Hydrogen-Integrated Transportation and Power Systems	32	42	74
Metal Industry Committee	27	6	33
FAST, SUPER FAST and ULTRA SUPER FAST Intelligent and Smart Charging Solutions for Electric Vehicles	25	2	27
Industrial Lighting and Display Committee	22	2	24
Electrical Safety Committee	19	8	27
Pulp and Paper Industry Committee	16	1	17
Power Electronic Devices and Components Committee	15	20	35
Mining Industry Committee	8	6	14
Codes and Standards Committee	4	3	7
Cement Industry Committee	2	0	2
Petroleum and Chemical Industry Committee	2	26	28
Magnetically Levitated Motor Systems	1	47	48



Days from Original Submission to Decision – past 12 months ending 10-Sep-2022

Decision Times for IAS Technical Committees

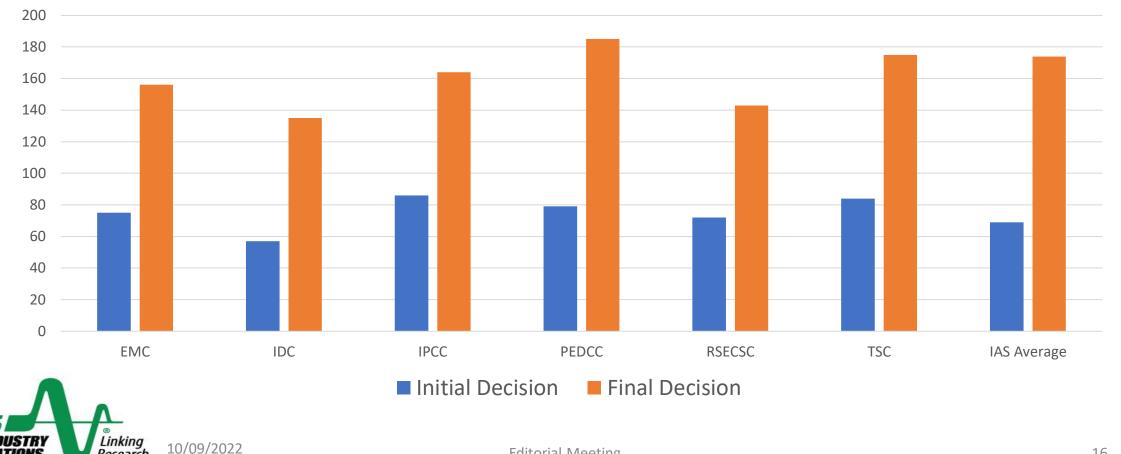


Initial Decision



IPCSD Decision Time (Days) Past 12 Months ending 10-Sep-2022

Decision Times for IPCSD Technical Committees

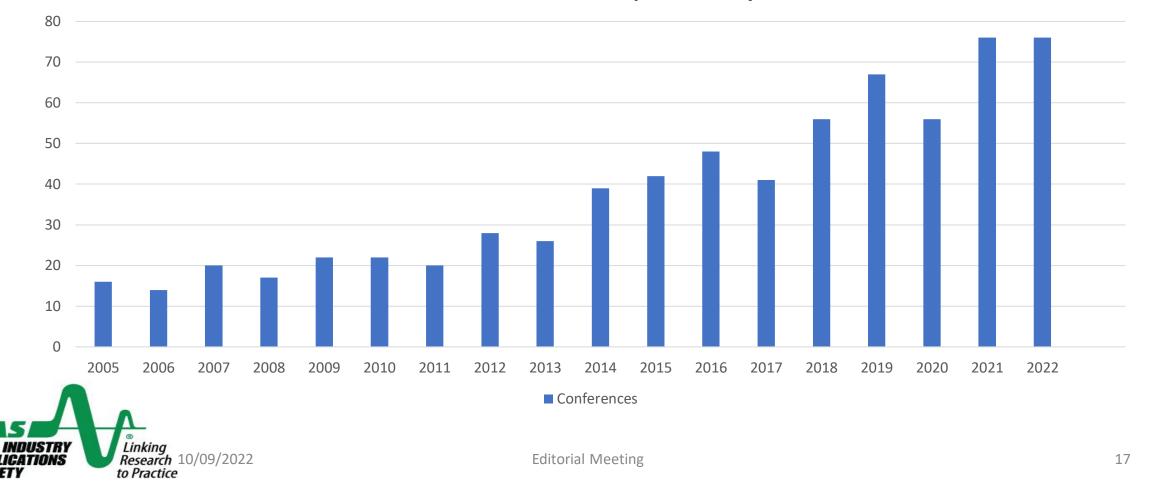


Editorial Meeting

Research to Practice

Number of Technical Conferences Sponsored by IAS each Year

Number of Conferences Sponsored by IAS



Publications Changes in Past 12 Months



Transactions

- Appointed Two People as Deputy Editor-in-Chief
 - Dr. Xiaodong Liang for Special Issues
 - Dr. Kashem Muttaqi for Conference Paper Invitations
- Created Web Page for Special Issues
- Items from Publication Review
 - Now require Editor-in-Chief to appoint CA's, TCPRC's, and AE's
 - Sent email to AE's about publication policies
 - Updated ScholarOne e-mail template to remove suggestion to cite IAS publications



TIA Special Issues

- Now
 - SI Committee Deputy EiC and Technical Department VC Papers
 - Deputy EiC Xiaodong Liang
 - Proposals sent to EiC, Guest Editors vetted by EiC, proposals forwarded to Deputy EiC, then advanced to SI Committee
 - Successful proposals finalized, scheduled, and posted on SI web page
- Why
 - Improved Editorial Control
 - Better Planning Standing Budget of 750 pages for SI papers (70 Papers)



TIA Special Issues

- Most of the proposals are coming from people who are not even IAS members (usually none of the proposed Guest Editors and AEs has an account on the IAS ScholarOne website)
- Most of the proposals are focused on topics of marginal interest for IAS
- IPCSD Technical Committees are required to be more active in Special Issue proposals
- Info related to TIA special issues and Link to Guidelines for Preparing Proposals for Special Issues are published on <u>https://ias.ieee.org/publications/ieee-transactions-on-industry-</u> applications/information-about-special-issues.html



Upcoming TIA Change

• New Editor-in-Chief Needed for 2024



Joint Publications

- Journal of Emerging and Selected Topics in Power Electronics
 - 50% owned with PELS
 - IAS now in deputy EiC Role Fernando Briz
- Journal of Emerging and Selected Topics in Industrial Electronics
 - 10% share, mostly IES
- IEEE Electrification Magazine
- IEEE Transactions on Sustainable Energy
- IEEE Transactions on Transportation Electrification
- IEEE Transactions on Smart Grid



IEEE Open Journal of Industry Applications





EiC: Prof. Pericle Zanchetta

Editorial Meeting

Steering Committee

- Prof. Ayman El Refaie
 - (Publications Dept Chair, IEEE IAS)
- Prof. Pericle Zanchetta
 - (Editor in Chief)
- Prof. Luca Solero
 - (Deputy Editor in Chief)
- Prof. Fernando Briz
- Prof Jean Luc Schanen

10/09/2022

Information

- Web Only Journal
- No Conference Requirement
- Scope covers the entire scope of IAS
- Papers are open access everyone can read them without firewall
- Anyone can submit, without conference requirements Like most other journals



- If paper is accepted, authors must pay an Article Processing Charge (APC)
- Standard IEEE APC is \$1950 USD
- IEEE Members get a 5% discount
- IAS Members get a 20% discount: \$1560 per paper fee
- There are no page charges for overlength papers



Initiatives

2021 Special issue IEEE Open Journal of Industry Applications Model Predictive Control of Power Electronic Systems in Industrial Applications FREE PUBLICATION – NO APC

Guest Editor:Petros Karamanakos, Tampere University, Finland, p.karamanakos@ieee.orgEditor-in-Chief:Pericle Zanchetta, University of Nottingham, UK, pericle.zanchetta@nottingham.ac.uk

9 Invited papers published in 2020 – 2021 – 2022 FREE PUBLICATION – NO APC

Call for special issues: Please contact the editor in chief Prof. Pericle Zanchetta (pericle.Zanchetta@nottingham.ac.uk) with a special issue proposal, including title, description and guest editor(s) CV

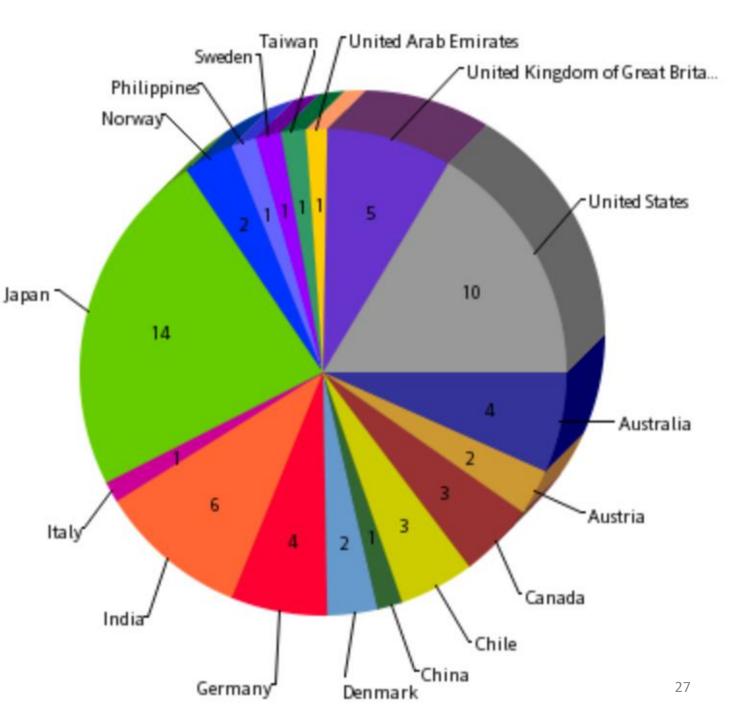


Past year statistics #1

Manuscript received
Between 1/10/2021
and 30/09/2022
Selected by country

Total 61





Past year statistics #2

> Manuscript decided during the past year
> Between 1/10/2021 and 30/09/2022

Total 65 Accepted 28 Rejected 37 Rate of acceptance: **43.08%**

IAS IEEE INDUSTRY APPLICATIONS COCIETY Manuscript decided

Total rate of acceptance 40%

Between 1/10/2019 and 30/09/2020

Total 43 Accepted 15 Rejected 28 Rate of acceptance: **34.88%** • Manuscript decided

Between 1/10/2020 and 30/09/2021

Total 82 Accepted 33 Rejected 49 Rate of acceptance: **40.24%**

Impact factor Projection (#1)

Papers published in 2020 = 23 Papers published in 2021 = 31

 Citations received by the 54 papers in the period Jan 1st to August 31st 2022 according to IEEE Xplore Analytics

135

IF projection at 31st December 2022 = 3.75

IEEE Xplore Analytics only considers citations in papers included in Xplore, so the previous number *might be* higher



Impact factor Projection (#2)

 Total Citations received in 2021 according to IEEE Xplore Analytics

209

IF projection considering to receive the same number of citations in 2022 = 3.87

Number of submissions in 2022 lower than 2021 (But in 2021 a special issue with free publication was open). However, we are on track to go over the target of 20 published papers.

Advertising is being taken care of with emails to a large audience and IAS magazine







Red Flag Papers Report





Date	# papers in the list		EMC	IDC	IPCC	PEDCC	RSECSC	TSC
March 2022	25	4	1(<mark>0</mark>)	0(<mark>0</mark>)	14(<mark>2</mark>)	4(<mark>0</mark>)	1(1)	5(1)
April 2022	35	4	6(<mark>0</mark>)	1(<mark>0</mark>)	11(<mark>1</mark>)	3(<mark>0</mark>)	3(1)	11(<mark>2</mark>)
May 2022	21	1	7(<mark>0</mark>)	0(<mark>0</mark>)	5(<mark>0</mark>)	2(<mark>0</mark>)	1(<mark>0</mark>)	6(1)
July 2022	28	2	7(<mark>0</mark>)	2(<mark>0</mark>)	10(<mark>0</mark>)	0(<mark>0</mark>)	3(<mark>0</mark>)	6(<mark>2</mark>)
Aug 2022	26	3	8(<mark>0</mark>)	0(<mark>0</mark>)	6(<mark>0</mark>)	0(<mark>0</mark>)	2(<mark>0</mark>)	10(<mark>3</mark>)
Sept 2022	21	4	7(<mark>2</mark>)	0(<mark>0</mark>)	5(<mark>0</mark>)	1(<mark>0</mark>)	2(<mark>0</mark>)	6(<mark>2</mark>)
Oct 2022	22	7	5(<mark>2</mark>)	0(<mark>0</mark>)	4(<mark>0</mark>)	1(<mark>0</mark>)	2(<mark>0</mark>)	10(<mark>5</mark>)
Average			5.9	0,4	7,9	1,6	2	7,7
Papers by TC Nov 2021			119	37	93	19	59	27
Papers by TC Sep 2022			93	51	94	11	42	34
Average/total %			5	1	<mark>8.5</mark>	<mark>8.5</mark>	3	<mark>28</mark>





TC IA Transactions Awards and ECCE Prize





Technical Committee IA Transactions Award

A short summary of the subject

- Until few years ago IA Transactions published papers were almost the same papers presented at the IAS co-sponsored conferences.
- Currently, IA Transactions papers are different in title and contents from the conferences presented papers.
- ✤ In 2021 IPCSD approved to start a new TC IA Transactions award.
- In April 2022 IPCSD took the decision to have an in-person discussion during IPCSD meeting at ECCE'22 in order to discuss how to implement the new award and the possible modification to TC ECCE prize.





Technical Committee IA Transactions Award

IPCSD Proposal

- It is confirmed the approval of the TC IA Transactions award, as already decided at IPCSD meeting on April 30th, 2021.
- Same number (3) of awards for each TC (having 3 awards can help increase the number of submissions to TIA).
- All the TIA published papers, in the year, are considered as eligible for the awards; in fact, the TCs are responsible for reviewing and publishing of papers previously presented at any IAS sponsored conference.
- No monetary rewards at the moment, we can discuss this point in the course of the year.





Technical Committee IA Transactions Award

Technical Committees' Tasks

- TCs are invited to implement the process in 2023 in order to award papers published on TIA in 2022
- TCs are asked to inform their members about the new TC IA Transactions award, both during the next TC meeting and by email
- Each TC decides how to implement the selection process
 - The preselection process already implemented for the election of IA Transactions awards can be of help in case a preselection of the papers is needed. To reduce the workload of the Awards Subcommittees, the M score provided by MC can be used for preselection





Technical Committee IA Transactions Award

Suggestions for the Preselection (if needed)

- > Every year, each TC Publication Chair receives 2 excel files from the IA Publication Chair
- One (TIA_Papers_by_Committee) is the file with the list of all the papers published in TIA in the year of interest
- The second file (TCname Transactions and Magazine Papers and Scores) is for the specific TC and it is achieved through a query in the system, the papers are already listed per M-Score, the file can be used to make a preselection of the top-scored papers
 - The TC file includes also some papers published in the year before the one the award is referred to (this is because, it is not possible to do a query on the published papers but only on the submitted papers)
 - In order to use the TC file for the TC IA Transactions award, the TC Publication Chair needs to delete the papers in the TC file which are not present in the "TIA_Papers_by_Committee" file





Technical Committee IA Transactions Award File TIA_Papers_by_Committee

A	В	С	D	E	F	G	
1		2021 Papers in IEEE Transactions on Industry Applications				21-Sep-2020)
2							L
3 Editor ID	Committee ID	Paper Name	Authors	Affil.	Meeting	тс	
4							
		Optimal Sizing of Energy Station in the Multi-energy System Integrated	Jiawei Lyu, Shenxi Zhang, Haozhong Cheng, Kai Yuan, Yi Song, and Sidun			Codes and Standards Committee Paper Number 2020	F
5 TIA57Nr2-66	2020-CSC-0368.R2	with Data Center	Fang	Edu	2020 I&CPS, Las Vegas, NV USA	CSC-0368.R2	
5							
		Hybrid Solar Forecasting Method Using Satellite Visible Images and				Energy Systems Committee Paper Number 2020-ESC	•
7 TIA57Nr1-10	2020-ESC-0229.R1	Modified Convolutional Neural Networks	Zhiyuan Si, Yixiao Yu, Ming Yang, and Peng Li	Edu	2020 I&CPS, Las Vegas, NV, USA	0229.R1	
		Investigation of Maximum Power Point Tracking of Different Kinds of Solar	Ibrahim Saiful Millah, Ramadhani Kurniawan Subroto, You Wei Chang,			Energy Systems Committee Paper Number 2020-ESC	•
3 TIA57Nr1-26	2020-ESC-0285.R1	Panels Under Partial Shading Conditions	Kuo Lung Lian, and Bwo-Ren Ke	Edu	2020 I&CPS, Las Vegas, NV, USA	0285.R1	1
02							
		Improved Balancing and Sensing of Submodule Capacitor Voltages in	Shamkant D. Joshi, Mahendra Ghat, Anshuman Shukla, and Mukul			Industrial Power Converter Committee Paper	
3 TIA57Nr1-01	2019-IPCC-1198.R2	Modular Multilevel Converter	Channdorkar	Edu	2018 ECCE, Portland, OR, USA	Number 2019-IPCC-1198.R2	
		A 36-Pulse AC-DC Converter With DC Side Tapped Interphase Bridge				Industrial Power Converter Committee Paper	
04 TIA57Nr1-04	2019-IPCC-1608.R1	Rectifier for Power Quality Improvement	Saravana Prakash P, R Kalpana, Khimavath Sai Chethana, and Bhim Singh	Edu	2018 PEDES, Chennai, India	Number 2019-IPCC-1608.R1	
		Grid-Feeding Inverter with Simplified Virtual Synchronous Compensator				Industrial Power Converter Committee Paper	
05 TIA57Nr1-05	2020-IPCC-0484.R1	Providing Grid Services and Grid Support	Fabio Mandrile, Enrico Carpaneto, and Radu Bojoi	Edu	2019 ECCE, Baltimore, MD USA	Number 2020-IPCC-0484.R1	
		An Improved SVM Strategy to Reduce DC Current Ripple for AC-DC Matrix				Industrial Power Converter Committee Paper	
06 TIA57Nr1-09	2020-IPCC-0611.R1	Converter	Fanxiu Fang, Hao Tian, and Yunwei Li	Edu	2020 APEC, New Orleans, LA, USA	Number 2020-IPCC-0611.R1	
		Design Considerations for a Self-latching Coupling Structure of Inductive				Industrial Power Converter Committee Paper	
07 TIA57Nr1-15	2020-IPCC-0607.R1	Power Transfer for Autonomous Underwater Vehicle	Jing Zhou, Pengzhi Yao, Yanqing Chen, Kan Guo, Sideng Hu, and Hui Sun	Edu	2019 ICEMS, Harbin, China	Number 2020-IPCC-0607.R1	
		AFF-SOGI-DRC Control of Renewable Energy Based Grid Interactive				Industrial Power Converter Committee Paper	
08 TIA57Nr1-18	2020-IPCC-0818.R1	Charging Station for EV with Power Quality Improvement	Anjeet Verma and Bhim Singh	Edu	2019 ITEC, Detroit, MI, USA	Number 2020-IPCC-0818.R1	
						Industrial Power Converter Committee Paper	
09 TIA57Nr1-33	2019-IPCC-1611.R2	Control and Derived Topologies of Parallel Hybrid Converter	Siba Kumar Patro and Anshuman Shukla	Edu	2018 PEDES, Chennai, India	Number 2019-IPCC-1611.R2	
		Flying-Capacitor Linear Amplifier with Capacitor Voltage Balancing for High				Industrial Power Converter Committee Paper	
10 TIA57Nr1-62	2020-IPCC-0529.R1	Efficiency and Low Distortion	Hidemine Obara, Tatsuki Ohno, Masaya Katayama, and Atsuo Kawamura	Edu	2019 APEC, Anaheim, CA, USA	Number 2020-IPCC-0529.R1	
		Bridgeless Isolated Zeta-Luo Converter Based EV Charger with PF Pre-				Industrial Power Converter Committee Paper	
11 TIA57Nr1-74	2020-IPCC-0034.R2	regulation	Radha Kushwaha and Bhim Singh	Edu	2019 GUCON, NCR New Delhi, India	Number 2020-IPCC-0034.R2	
		Active Voltage-Balancing and Thermal Performance Analysis of Dual Flying	- Arash Khoshkbar-Sadigh, Vahid Dargahi, Roozbeh Naderi, and Keith			Industrial Power Converter Committee Paper	
12 TIA57Nr1-79	2020-IPCC-0085.R1	Capacitor Active Neutral-Point-Clamped (DFC-ANPC) Inverters	Corzine	Edu	2019 ECCE, Baltimore, MD USA	Number 2020-IPCC-0085.R1	$\left \right $
	10/00/2022		Editorial Monting			20	



IEEE INDUSTRY APPLICATIONS SOCIETY

Industrial Power Conversion Systems Department



Technical Committee IA Transactions Award

File TCname Transactions and Magazine Papers and Scores

н	В	L		E	F	6	H I	
		<u>Generic</u>	Paper Ranking Report					
	Contains Conf	idential Informa	ation – Distribution Limited to Papers Review Chairs					
Manuscript Type: Industrial Power Converter Committee AND Latest Decision: Accept for publication in Magazine, Accept for publication in Transactions AND Inc	clude Only Original Submissions AND M-Score ((Sum): no missing (alues AND Submission Date: Between Jan 1, 2019 and Dec 31, 2021					
2 M-Score (Sum): Descending order based on all group summaries								
Manuscript Type: Industrial Power Converter Committee								
Manuscript Title	Manuscript ID			Manuscript ID - Latest		Reviewer Full Name	Date Score Sheet Completed	M-Score (Sum)∛
Bi-Directional Clamping Based H5, HERIC and H6 Transformerless Inverter Topologies with Reactive Power Capability	2020-IPCC-0438	3/15/2	0 Sateesh kumar, Kuncham; KIRUBAKARAN, A; N, Subrahmanyam	2020-IPCC-0498	5/25/20 Kar		5/7/20	115.00
					TU,	Hung-Yi	5/25/20	116.00
				2020-IPCC-0498			ЯЕЯЕО	116.00
	Sateesh kumar, Kuncham; KIRUBAKARAN, A; N, Subrahmanyam							116.00
							3/15/20	116.00
	2020-IPCC-0)498						116.00
Bi-Directional Clamping Based H5, HERIC and H6 Transformerless Inverter Topologies with Reactive Power Ca								116.00
Finite Control Set Model Predictive Control with Secondary Problem Formulation for Power Loss and Thermal Stress Reductions	2019-IPCC-1477	11/30/1	3 Wang, Luocheng; He, Jiangbiao; Han, Tao; Zhao, Tiefu	2019-IPCC-1477	4/10/20 Dut	ta , Sumit vinoza, Mauricio	3/29/20 2/3/20	117.00
					L SF	inoza, mauricio	4/10/20	114.00
				2019-IPCC-1477				114.00
			Wang, Luocheng; He, Jiangbiao; Han, Tao; Zhao, Tiefu					114.00
							11/30/19	114.00
	2019-IPCC-1	477						114.00
Finite Control Set Model Predictive Control with Secondary Problem Formulation for Power Loss and Thermal A Canonical Switching Cell (CSC) Converter Based Power Factor Corrected Battery Charger for E-Rickshaw	Stress Heductions 2020-IPCC-0430	0.010	0 Pandey, Rahul; Singh, Bhim	2020-IPCC-0490.R1	5/11/20 Cha	F: OV	4/10/20	114.00 117.00
A Canonical Switching Cell (CSC) Converter Based Power Factor Corrected Battery Charger for C-Hicksnaw	2020-IPCC-0430	orzirz	J Pandey, Rahul; Singh, Bhim	2020-IPCC-0430.RT	Sriir20 Cha		4/10/20	107.00
					240	,	5/11/20	112.00
				2020-IPCC-0430.R1				
			Pandey, Rabul; Singh, Bhim					112.00
							3/21/20	112.00
	2020-IPCC-0	0490						112.00
A Canonical Switching Cell (CSC) Converter Based Power Factor Corrected Battery Charger for E-Rickshaw Optimal Zero-Voltage-Switching Method and Variable On-time Control for Predictive Boundary Conduction Mode Boost PFC Converter	2013-IPCC-0621	710.11	9 Marson Roter Free Hannels Konstrumen Follo	2019-IPCC-0621.R1	10.105.119 Hus	ng, Pin-Yu (Peter)	9/3/19	112.000 113.00
Updimal zero-voltage-switching (viethod and variable Un-time Control for Predictive Doundary Conduction (viode Doost PFC Converter	2013-1900-0621	Iron	13/13 Wang, Jizhe; Eto, Haruhi; Kurokawa, Fujio	2013-1PCC-0621.RT		ng, Pin-Tu (Peter) , Hung-Chi	8/20/19	109.00
						, rong on	10/25/19	111.00
				2019-IPCC-0621.R1				111.00
			Wang, Jizhe; Eto, Haruhi; Kurokawa, Fujio					111.00
							7/3/19	111.00
	2019-IPCC-0	621						111.00
Optimal Zero-Voltage-Switching Method and Variable On-time Control for Predictive Boundary Conduction M	Iode Boost PFC Converter							111.000
A Carrier-Based Discontinuous PWM for Single and Parallel Three-Level T-type Converters with Neutral-Point Potential Balancing	2020-IPCC-1444	10/5/2	0 Zhou, Jiayu; Ojo, Joseph; Tang, Fen; Haruna, JOSIAH; Loh, P	2020-IPCC-1444.R1	5/25/21 Tia	n, Hao	12/3/20	117.00
						Senedetto, Marco	12/30/20	101.00
							5/25/21	109.00
			Zhao Banna Ola Tanan Fara Mannan TOALAM Lab D	2020-IPCC-1444.R1				109.00
			Zhou, Jiayu; Ojo, Joseph; Tang, Fen; Haruna, JOSIAH; Loh, P				10/5/20	109.00
	2020-IPCC-1	444					1013120	103.00
A Carrier-Based Discontinuous PWM for Single and Parallel Three-Level T-type Converters with Neutral-Poin								109.000
An Enhanced Virtual Space Vector Modulation Scheme of Three-Level NPC Converters for More- Electric-Aircraft Applications	2020-IPCC-1440	9/18/2	0 Guo, Feng; Yang, Tao; Diab, Ahmed; Yeoh, Seang; Bozhko, Serhiy; Wheeler, Patrick	2020-IPCC-1440.R1		quets-Monge, Sergio	12/11/20	114.00
					Lee	, Dong-Choon	11/21/20	104.00
				5/25/21 2020-IPCC-1440.R1				109.00
			Guo, Feng; Yang, Tao; Diab, Ahmed; Yeoh, Seang; Bozhko, Serhiy; Wheeler,					109.00
							9/18/20	109.00
	2020-IPCC-1	440						109.00
An Enhanced Virtual Space Vector Modulation Scheme of Three-Level NPC Converters for More- Electric-Air	rcraft Applications							109.00
40/00/2022		F .111	- 				2	0





Technical Committee ECCE Prize

Until the current year the TC ECCE prize papers are selected among the ECCE papers submitted to TIA for review and then accepted for publication. Once Technical Committee IA Transactions awards have been approved, it makes sense to change the TC ECCE prize process

IPCSD Proposal

- Any paper sponsored by the corresponding TC presented at ECCE the previous year would be eligible. The requirement that the paper passed the first round of the review for IAS Transaction would disappear
- > TCs have the freedom to define the selection process
- To reduce the workload of the Awards Subcommittees (for some TCs the workload can be prohibitive) a preselection process can be implemented
- TCs are strongly invited to implement the process in 2023 in order to award papers presented at ECCE 2022





Technical Committee ECCE Prize

Preselection options

- 1) Papers preselected on the basis of the Session Chairs (SC) evaluation
- pros: final papers are evaluated; a number of papers proportional to the TC accepted papers is preselected
- cons: some SC could weigh more the presentation than the actual paper in the evaluation; some SC do not show up and therefore last minute substitutes do not have time to read and evaluate the actual papers; for some TCs the number of preselected papers can be quite high (about 50 papers for IPCC)
- 2) Papers preselected on the basis of the digests' score
- pros: TC can decide the number of the preselected papers; digests' score is readily available to the TCs; the preselection process is blinded
- cons: the preselection is not strictly related to the final papers (but the final evaluation yes)

TCs have the freedom to define the selection and the eventual preselection process





EMC procedure to request transactions submission invitations

Greg Heins

Background

Goal

streamline transactions invitations process and minimise emails

Limitations

Google forms are not internationally accessible, Microsoft forms need to be linked to a user account

Solution

Use the wordpress environment that our existing society websites are already hosted on

Request Transactions Submission Invitation IAS EMC AE - Details EMC Annual Meeting Attendance and ECCE Volume Imme Request Transactions Submission Invitation Contract Core Submission Invitation Submission Invitation (Electric Machines Committee). If you have with from please contact: Greg Heins (gregheins@ieec.org). Please nota: The "Contract Author (is the person that will handle all communication with the IAS for the submission. Contact Author (Family Name) Contact Author (Family Name) Contact Author (reanil) Contact Author (framily Name) Affiliation (Organization) Affiliation (Country) Affiliation (Country) Conference Name Conference Name Conference Vear Conference Paper DDI or URL Conference Paper DDI or URL Comments (optional) Contact	Home	Publications	Subcommittees	Contact	Operating Guide	Meeting Minutes	Member Subscriptions
Request Transactions Submission Invitation Please use this form to request an invitation to submit a paper to Transactions on Industry Applications (Electric Machines Committee). If you have with this form, please contact: Greg Heins (gregheins@leee.org). Please note: The "Contact Author" is the person that will handle all communication with the IAS for the submission. Contact Author (Given Name) Contact Author (Family Name) Contact Author (Family Name) Contact Author (Given Name) Affiliation (Organization) Affiliation (Organization) Affiliation (Country) Paper Title Conference Name Conference Paper DDI or URL	Request	Transactions S	ubmission Invitatio	n IAS EMC	AE – Details	EMC Annual Meetir	ng Attendance and ECCE Voluntee
Request Transactions Submission Invitation Please use this form to request an invitation to submit a paper to Transactions on Industry Applications (Electric Machines Committee). If you have with this form, please contact: Greg Heins (gregheins@leee.org). Please note: The "Contact Author" is the person that will handle all communication with the IAS for the submission. Contact Author (Given Name) Contact Author (Family Name) Contact Author (Family Name) Contact Author (Given Name) Affiliation (Organization) Affiliation (Organization) Affiliation (Country) Paper Title Conference Name Conference Paper DDI or URL							
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How to Summary Operating Guide Meeting Minut Subcommittees Contact TAS EMC AE - Details EMC Annual Meeting Author submits online form which Request Transactions Submission Invitation populates wordpress table ith this form, please contact: Greg Heins (gregheins@ieee.org) ase note: The "Contact Author" is the person that will handle all com ontact Author (Given Name) ontact Author (Family Name) Contact Author (email) his must be the email that you use with your IAS Manuscript Central Account and cannot be changed after subontact authors who do not have an IAS Manuscript Central Account should register at http: Affiliation (Organization) Affiliation (Country Paper Title Conference Nam onference Year onference Paper DOI or URL Optional: can also mments (optional be set up to

automatically send

an email when a form is submitted.

 Standard
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Optional: Committee admin copies to spreadsheet (initially used until I had trust in wordpress and so I could have a column to mark when the stub had been created)

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Optional: Committee admin uses the data either directly from the wordpress database or from spreadsheet to create stub

4 - Invited Papers

GO Create a Manuscript Stub

How to (detail)

https://docs.google.com/document/d/1P883WM-DZQHIqmN9DIExi8kAg9REWRDASXvMB4_hMs k/edit?usp=sharing

Creating Wordpress Forms

The wordpress platform that the IAS EMC uses for its website allows forms to be created for collecting data. This solution allows access globally and also allows all executive members who have edit access to the wordpress site to create forms.

Step 1 - Wordpress setup	1
Activate plugins	1
Setup DB options	2
Options > integration	3
Options > security	3
Options > Saving > do not save fields	3
Options > Export, Admin View, System	4
Step 2 - Set up a new form	4
Contact > add new	4
Add Title	4
Add entry fields	5
Edit mail settings	5
Additional help	6
Step 3 - adding your form to a page	6
Add a new page (if required)	6
Add a title	6
Add a block > contact form 7	6
Select your contact form	7
Publish the new page	7
View the new page from the normal website	7
Step 4 - Collecting data from database	7
Navigate to" "Contact Form DB"	7
Select a form	8
Review data	8





JESTPE Special Issues





JESTPE Special Issues

- JESTPE is IAS-PELS joint publication
- IPCSD Technical Committees are required to be more active in Special Issue proposals

IPCSD Proposal

- Let's try to have every 2 years 1 proposal coming from each TC
- During the year the IPCSD Vice-Chair sends emails to TC Chairs and TC Publication Chairs to invite them to submit proposals, which can be also joint proposals from 2 or more TCs
- > TCs officers lead the process of preparing the proposals





JESTPE Special Issues

When you prepare the proposal

- Select a topic and a title capable of attracting submission of about 50 papers. It must be different from the other Special Issues (https://www.ieeepels.org/publications/jestpe, https://ias.ieee.org/publications/jointpublications/jestpe.html).
- 2-3 Guest Editors well recognized as experts and having a corresponding history of working in the field. Citations, h-factor, are also things to consider.
- 8-10 Associate Editors with history that shows they have expertise in the area. AEs should also have a good review or editorial history. AEs should be very motivated people.
- ✤ Look at recent CfP of JESTPE Special Issues in order to prepare the proposal.
- Luca Zarri, IAS representative at JESTPE Steering Committee, and Luca Solero, IAS IPCSD vicechair, can help in preparing the proposals, as well we can give feedback on proposals before they are submitted to the editorial board.





JESTPE Special Issues

Current Special Issue Proposals

- Special Issue proposal on "Machine Learning for Modeling, Designing and Controlling Electric Machines and Drives", in progress, coming from EMC.
- Special Issue proposal on "Situation Aware Power Electronics Converters: Modeling, Design, and Industry Practice", very first draft version, coming from IPCC.