

### **TC ANNUAL REPORTING FORM**

IMS Tec	hnical	l Commi	ittee
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Name   Name   Address   number   electric								
Date of Mebsite   http://ieee-ims.org/technical-committees   Last update (mm o9/20   Date of o9/20   Date of o9/20   Date of o9/20   Date of old of the most of	Reporting	period						
Website http://ieee-ims.org/technical-committees  TC Chair or co-Chairs  First Name Second Family Affiliation Name Name /Address number electric Council (Canada)  Tuan Guo Jinan 90754842 +86- tuanguo@jnu.edu.cn 14/07  Gorge Check the right box) Present V Not Present Inumber Phone e-mail address Date of electric Name Second Family Name Affiliation Membership Phone e-mail address Date of electric Name Second Family Name Affiliation Name Name Name Name Phone e-mail address Date of electric Name Second Family Name Name Name Name Name Name Name Name	Starting date	e (dd/mm/yy	)	Ending date	(dd/mm/yy)		Date of submission (dd,	/mm/yy)
TC Chair or co-Chairs  First Name Second Family Address number Phone e-mail address plectic formula for the property of British Columbia Name Name Address number Phone e-mail address plectic formula for the politection of	25/02/19 07/09/20 07/09/20						07/09/20	
First Name Second Family Address number Phone e-mail address plectic formula for the property of British Columbia Name Name Affiliation Name Name Phone e-mail address place of the politection of Torino Phone number Phone e-mail address place of the property of British Columbia Alberto Vallan Bock University University University of British Outsouris Shanghai Jiaotong University Fan Shanghai Jiaotong University Fan Shanghai Jiaotong University Shanghai Jiaotong University Fan Shanghai Jiaotong University Vilayou Fan Shanghai Jiaotong University Manue Pan Shan	Website	http://iee	ee-ims.org/	technical-com	mittees		Last	update (mm/yy
First Name Second Family Name /Address number Phone e-mail address Date of electric (Council (Canada))  Tuan Guo Jinan 90754842 +86- tuanguo@jnu.edu.cn 14/07  Secretary (check the right box) Present V Not Present Trist Name Second Name Name Affiliation / Name Name Name Name Name Name Name Affiliation number Phone e-mail address Date of Pritish Columbia Alberto Vallan Politecnico di Torino  Wojtek Bock University of Back University of Québec en Outaouais  Zuyuan He Shanghai Shanghai fan.xinyu@sjtu.edu.cn Shanghai Shanghai Sanaxinyu@sjtu.edu.cn Shanghai Jiaotong University (Fieed Council (Canazinya))  National 90530871 613-991- George.Xiao@nrc- 14/07  14/07  6159 cnrc.gc.ca tuanguo@jnu.edu.cn 14/07  14							09/2	20
Name   Name   Address   number   election	TC Chair o	r co-Chairs						
Research Council (Canada)  Tuan Guo Jinan 90754842 +86- tuanguo@jnu.edu.cn 14/07  Secretary (check the right box) Present V Not Present  First Name Second Name Family Name Affiliation Address Name Name Name Affiliation Name Name Name Name Name Name Name Name	First Name		•			Phone	e-mail address	Date of election
Tuan Guo Jinan 90754842 +86- tuanguo@jnu.edu.cn 14/07  Secretary (check the right box) Present V Not Present First Name Second Name Affiliation / Address number Phone e-mail address Date of election  TC Membership list(*)  First Name Second Family Affiliation Membership Phone e-mail address TC assignm (joining ye)  TC Membership list(*)  First Name Second Family Affiliation Name Name / Address number Phone e-mail address TC assignm (joining ye)  Zheng Liu University of British Columbia  Alberto Vallan Politecnico di Torino  Wojtek Bock Université du Québec en Outaouais  Zuyuan He Shanghai Jiaotong University  Xingyu Fan Shanghai fan.xinyu@sjtu.edu.cn	George		Xiao		90530871		George.Xiao@nrc-	14/07/17
Secretary (check the right box)  Present V Not Present First Name Second Name Family Name Affiliation Name Name Affiliation Name Name Name Name Name Name Name Name				Council	(FIEEE)	6159	cnrc.gc.ca	
First Name Second Name Affiliation Membership Phone e-mail address Date of election  TC Membership list(*)  First Name Second Family Affiliation Membership Phone e-mail address TC assignm Name Name /Address number strictly of British Columbia  Alberto Vallan Politecnico di Torino alberto.vallan@polito.it  Wojtek Bock Université du Québec en Outaouais  Zuyuan He Shanghai Jiaotong University  Xingyu Fan Shanghai fan.xinyu@sjtu.edu.cn	Tuan		Guo		90754842			.cn 14/07/17
TC Membership list(*)  First Name Second Family Name Name Affiliation Number Phone e-mail address TC assignment (joining year)  Zheng Liu University of British Columbia Alberto Vallan Politecnico di Torino Université du Québec en Outaouais  Zuyuan He Shanghai Jiaotong University Vingyu Fan Shanghai fan.xinyu@sjtu.edu.cn	Secretary	(check the	right box)	Present	. □√ Not F	Present 🔲		
First Name Second Name Name Affiliation Membership Phone e-mail address TC assignm (joining ye)  Zheng Liu University of British Columbia  Alberto Vallan Politecnico di Torino  Wojtek Bock Université du Québec en Outaouais  Zuyuan He Shanghai Jiaotong University  Xingyu Fan Shanghai fan.xinyu@sjtu.edu.cn			_					
British Columbia  Alberto Vallan Politecnico di Torino alberto.vallan@polito.it  Wojtek Bock Université du Québec en Outaouais  Zuyuan He Shanghai Jiaotong University  Xingyu Fan Shanghai fan.xinyu@sjtu.edu.cn	First Name		Family I			•	e e-mail address	
Torino  Wojtek Bock Université du Québec en Outaouais  Zuyuan He Shanghai Jiaotong University  Xingyu Fan Shanghai Shanghai Shanghai Fan.xinyu@sjtu.edu.cn	TC Membe	Name ership list(*) Second	Family	/Address	s number	r		election
Québec en Outaouais  Zuyuan He Shanghai zuyuanhe@sjtu.edu.cn Jiaotong University  Xingyu Fan Shanghai fan.xinyu@sjtu.edu.cn	TC Membe First Name	Name ership list <sup>(*)</sup> Second Name	Family	Affiliation /Address University of British	s number	r	e-mail address	election  TC assignment
Jiaotong University  Xingyu Fan Shanghai fan.xinyu@sjtu.edu.cn	TC Member First Name	Name  ership list(*)  Second Name	Family	Affiliation /Address University of British Columbia Politecnico di	s number	r	e-mail address zheng.liu@ieee.org	election  TC assignment
9,	TC Member First Name Zheng Alberto	Name  ership list(*)  Second Name  Liu  Vallan	Family	Affiliation /Address  University of British Columbia Politecnico di Torino  Université du Québec en	s number	r	e-mail address  zheng.liu@ieee.org  alberto.vallan@polito.it	election  TC assignment
University	TC Member First Name  Zheng  Alberto  Wojtek	Name  Pership list (*)  Second Name  Liu  Vallan  Bock	Family	Affiliation /Address  University of British Columbia Politecnico di Torino  Université du Québec en Outaouais Shanghai Jiaotong	s number	r	e-mail address  zheng.liu@ieee.org  alberto.vallan@polito.it  wojtek.bock@uqo.ca	election  TC assignment
Jianping Yao University of jpyao@uottawa.ca Ottawa	TC Members First Name Zheng Alberto Wojtek Zuyuan	Name  Pership list(*)  Second Name  Liu  Vallan  Bock  He	Family	Affiliation /Address  University of British Columbia Politecnico di Torino  Université du Québec en Outaouais Shanghai Jiaotong University Shanghai Jiaotong	s number	r	e-mail address  zheng.liu@ieee.org  alberto.vallan@polito.it  wojtek.bock@uqo.ca  zuyuanhe@sjtu.edu.cn	election  TC assignment
Hwa-yaw Tam Hong Kong eehytam@polyu.edu.hk Polytechnic	TC Members First Name  Zheng  Alberto  Wojtek  Zuyuan  Xingyu	Name  Pership list (*)  Second Name  Liu  Vallan  Bock  He	Family	Affiliation /Address  University of British Columbia Politecnico di Torino  Université du Québec en Outaouais Shanghai Jiaotong University Shanghai Jiaotong University University University	s number	r	e-mail address  zheng.liu@ieee.org  alberto.vallan@polito.it  wojtek.bock@uqo.ca  zuyuanhe@sjtu.edu.cn  fan.xinyu@sjtu.edu.cn	election  TC assignment

<sup>\*</sup> Please add as many rows as needed



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Yuwen	Qin	GuangDong	qinyw@gdut.edu.cn
		University of	
		Technology	
Luigi	Rovati	University of	luigi.rovati@unimore.it
		Modena and	
		Reggio Emilia	
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#### TC mission – field of expertise (max. 1000 char. Including spaces)

#### The goals of this committee are:

- Promote and disseminate technical information related to the fields listed below via workshops, lectures, and technical papers.
- Maintain liaison with other groups, societies and organizations working in the same/similar area.
- Develop standards in the field as appropriate.
- Organize special sessions during the I2MTC and special issues in IMS sponsored IEEE/OSA Journal of Lightwave Technology.

#### The photonic technologies include:

- Photonic technology in the sensors and instrumentation for industrial and clinical applications.
- Photonic instrumentation for optical fiber communication applications.
- Novel photonic techniques for the measurement of physical, chemical and biological parameters.
- Micro- and nano-scale photonic sensors.
- Multiplexed and distributed photonic sensor networks.
- Smart photonic devices, structures and systems.
- Photonic sensing application, field tests and standardization.
- New concepts for photonic sensing.

#### TC meetings in the reporting period(\*)

Date	Online /	Attendance	Information sent within 4 months to (Yes/No)				
(dd/mm/yy)	Face2Face	(number)	TC Members	Chair of TSAC	IM Magazine		Other (specify)
01/07/2020	online	3	George Xiao, Tuan Guo	Special issue of JLT 2020	None	Yes	

### Minutes of the yearly meeting (separate file)1:

#### Participation in Society sponsored Events (Conferences, Symposia, Workshops) (\*)

Name of the	Starting	Ending date	Date	Type of participation (Yes/No)
Event	date (event)	(event)	Partecipation	Sponsorship Session Tutorial Other (specify) <sup>2</sup>

<sup>&</sup>lt;sup>1</sup> Yes/No, date of the yearly meeting;

<sup>&</sup>lt;sup>2</sup> For example, Involvement in reviewing papers (and indicate approximate number of paper reviews for the listed event)

<sup>\*</sup> Please add as many rows as needed



(dd/m	m/yy) (dd/mm/yy)	(dd/mm/yy)		
None				
Involvement in standa	ard development <sup>(*</sup>	)		
Standard W	orking Group Revi	sion Activity	in the reporting period, including dates	Notes, attendance
None				
Participation in the de	evelopment of Soc		nal Programs <sup>(*)</sup> e reporting period, including dates	Notes, attendance
ch	napters and sections			
None				
Other Activities (tutor sections) (*)	ials, teaching, care	eer, cooperat	ion, publications, joint activity wi	th chapters or
Type of activity	Starting date (dd/mm/yy)	Ending date (dd/mm/yy)	Activity in the reporting period	Notes, attendance

#### Recommended candidates(\*)

Type (ADCOM, Fellow, Award –specify-)	First Name	Second Name	Family Name	Affiliation /Address	Motivation
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None

TC operating Plan: near-term plans for the upcoming year, including scheduled meetings, activities, and so on (max. 1000 char. Including spaces)

The special issue is "GUIDED LIGHTWAVES FOR SENSORS & MEASUREMENT SYSTEMS: ADVANCED TECHNIQUES and APPLICATIONS". (This is the third one following our previous 2017 and 2019)

<sup>•</sup> Finalized a special issue in IMS sponsored IEEE/OSA Journal of Lightwave Technology

<sup>\*</sup> Please add as many rows as needed



TC operating plan: long term vision from 2-5 years out, based on IMS Strategic Plan, including areas of strength, areas for improvement, how is the subject area going to change, planned actions for lifting achievement succession plans etc. (max. 1000 char. Including spaces)

- Organize special session I2MTC for 2021-2022.
- Organize special issues in IMS sponsored IEEE/OSA Journal of Lightwave Technology 2022-2023.

TC convergence, synergy, cooperation with other TC, from I&M or other societies (max. 1000 char. Including spaces)

- Maintain liaison with other groups, societies and organizations working in the same/similar area.
- To help IEEE-IMS to expand its potentials, and increase attention as the professional home to the instrumentation and measurement experts and engineers worldwide.

Comments/Suggestions (max. 1000 char. Including spaces)

None

<sup>\*</sup> Please add as many rows as needed