

TC ANNUAL REPORTING FORM

IMS Technical Committee

TC-17 Materials in Measurements

Reporting period

Starting date (dd/mm/yy) 07-02-2019 Ending date (dd/mm/yy) 14-09-2020 Date of submission (dd/mm/yy) 14-09-2020

Website

Last update (mm/yy)

TC Chair or co-Chairs

First Name	Second Name	Family Name	Affiliation /Address	Membership number	Phone	e-mail address	Date of election
Jacob		Scharcanski	UFRGS	41552419	+55-51-33087128	jacobs@inf.ufrgs.br	21/04/2008
George		Giakos	Manhattan College			george.giakos@manhattan.edu	

Secretary (check the right box)

Present

Not Present

First Name	Second Name	Family Name	Affiliation /Address	Membership number	Phone	e-mail address	Date of election

TC Membership list^(*)

First Name	Second Name	Family Name	Affiliation /Address	Membership number	Phone	e-mail address	TC assignments (joining year)
Marco		Parvis	Politecnico di Torino			marco.parvis@polito.it	2016
Luiz		Cruz	University of Coimbra			lcruz@deec.uc.pt	2016
Octavian		Postolache	ISCTE-IUL			octavian.postolache@gmail.com	2015
Sabrina		Grassini	Politecnico di Torino			sabrina.grassini@polito.it	2015

* Please add as many rows as needed

George		Zentai	Varian	george.zentai@varian.com	2015
Helena	<i>G.</i>	Ramos	IST	hgramos@ist.utl.pt	2016
Aurtur	<i>Lopes</i>	Ribeiro	IST	arturlr@ist.utl.pt	2016
George		Giakos	Manhattan College	george.giakos@manhattan.edu	2009
Jacob		Scharcanski	UFRGS	jacobs@inf.ufrgs.br	2008
Larry		Hartman	Janus Research Group	larryhartman50@gmail.com	2018

TC mission – field of expertise (max. 1000 char. Including spaces)

The goals of this Committee are to:

Explore and advance the state-of-the-art in the measurement and instrumentation of the various properties of materials, such as conductivity, dielectric properties, index of refraction, loss, frequency response, radar absorbency, and impurity;

Develop standards in the field as appropriate;

Generate interest in the field by conduct of workshops, lectures, and technical papers;

Maintain liaison with other groups, societies and organizations working in the same area.

* Please add as many rows as needed

TC meetings in the reporting period^(*)

Date (dd/mm/yy)	Online / Face2Face	Attendance (number)	TC Members	Information sent within 4 months to (Yes/No)		
				Chair of TSAC	IM Magazine	Other (specify)

We had planned a meeting at I2MTC 2020 which turned to be online.

Minutes of the yearly meeting (separate file)¹:

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

Name of the Event	Starting date (event) (dd/mm/yy)	Ending date (event) (dd/mm/yy)	Date Participation (dd/mm/yy)	Type of participation (Yes/No)			
				Sponsorship	Session	Tutorial	Other (specify) ²
IEEE I2MTC 2019	20/05/2019	23/05/2020	20-23/05/2020	Image Processing			Authors, ATPC Chairs
IEEE I2MTC 2020	25/05/2020	28/05/2020	25-28/05/2020	Image Processing			Authors, ATPC Chairs
IEEE IST 2019	08/12-2019	10/12/2019	08-10/12/2019	Imaging Materials			General Chair

Involvement in standard development^(*)

Standard	Working Group	Revision	Activity in the reporting period, including dates	Notes, attendance
IEEE P1451 Work Group		Yes	General discussion	No
IEEE P3333		Yes	General discussion	No

¹ Yes/No, date of the yearly meeting;

² For example, Involvement in reviewing papers (and indicate approximate number of paper reviews for the listed event)

* Please add as many rows as needed



Participation in the development of Society Educational Programs^(*)

Program name	Involvement of chapters and sections	Activity in the reporting period, including dates	Notes, attendance
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Other Activities (tutorials, teaching, career, cooperation, publications, joint activity with chapters or sections)^(*)

Type of activity	Starting date (dd/mm/yy)	Ending date (dd/mm/yy)	Activity in the reporting period	Notes, attendance
Invited lecture IIT -Roorkee - India	24/02/2020	26/02/2020	2019-2020	100+

Recommended candidates^(*)

Type (ADCOM, Fellow, Award -specify-)	First Name	Second Name	Family Name	Affiliation /Address	Motivation
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TC operating Plan: near-term plans for the upcoming year, including scheduled meetings, activities, and so on (max. 1000 char. Including spaces)

We at TC 17 had been involved in IEEE I2MTC 2020 organization and also shall be involved with IEEE I2MTC 2021 organization, but all other plans have been put on hold. Even IEEE I2MTC 2020 turned into an online event, as it is know. Most of our members have been on quarantine for the past months.

I am trying to see who could replace me as TC 17 Chair.

^{*} 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)

We are planning special sessions in upcoming events (like IEEE IST 2021) in the area of 'computer vision measurements' where materials is a central topic. The goal is to attract professionals and researchers interested in this particular area, and put together a (joint) task force that shall propose new activities.

Main concerns and possible solutions

We have been trying to organize internally and propose new activities, especially in cooperation with other IMS TCs (e.g. TC-19 and TC-25) and other IEEE Societies (e.g. Signal Processing Society). We are constantly looking for new motivated people, willing to commit with long time planning and development of new activities in this Technical Committee. New members are most welcome.

We are looking for a new TC 17 Chair.

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

IEEE Signal Processing Society - Chapter Chair South Region of Brazil

IEEE Circuits and Systems Society - Co-Chair , 3rd. IEEE CASS Seasonal School on Digital Processing of Visual Signals and Applications (2019)

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

* Please add as many rows as needed



* Please add as many rows as needed