

# TC ANNUAL REPORTING FORM

## IMS Technical Committee

### 17 Materials in Measurements

#### Reporting period

Starting date (dd/mm/yy)	Ending date (dd/mm/yy)	Date of submission (dd/mm/yy)
January 2024	December 2024	01/02/2025

Website <https://ieee-ims.org/technical-committee/tc-17> Update in progress

#### TC Chair and co-Chair

First Name	Second Name	Family Name	Affiliation /Address	Membership number	Phone	e-mail address	Date of election or appointment
Sabrina		Grassini	Politecnico di Torino	92667897	+39 011 0904642	sabrina.grassini@polito.it	2023
George		Giakos	Manhattan College			george.giakos@manhattan.edu	2008

#### 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 or appointment
Luca		Lombardo	Politecnico di Torino	94186230	+39 011 0904073	luca.lombardo@polito.it	2023

#### TC Membership list<sup>(\*)</sup>

First Name	Second Name	Family Name	Affiliation /Address	Membership number	Phone	e-mail address	TC assignments (joining year)
Jacob		Scharcanski	UFRGS			jacobs@inf.ufrgs.br	Member
Marco		Parvis	Politecnico di Torino, Italy			marco.parvis@polito.it	Member
Luiz		Cruz	University of Coimbra			lcruz@deec.uc.pt	Member
Kurt		Barbè	Free University of Bruxelles (VUB)			Kurt.Barbe@vub.ac.be	Member
Luca		De Vito	University of Sannio, Italy			devito@unisannio.it	Member
Octavian		Postolache	Instituto Universitário de Lisboa and Instituto de Telecomunicações, Portugal			octavian.postolache@gmail.com	Member

\* Please add as many rows as needed

Larry	Hartman	Janus Research Group		larryhartman50@gmail.com	Member
Helena	Ramos	IST		hgramos@ist.utl.pt	Member
Iannucci	Leonardo	Politecnico di Torino		leonardo.iannucci@polito.it	Member
Artur	Ribeiro	IST		arturlr@ist.utl.pt	Member
Emma	Angelini	Politecnico di Torino		emma.angelini@polito.it	Member
George	Zentai	Varian		george.zentai@varian.com	Member
Zaccaria	Del Prete	Università di Roma “La Sapienza”		zaccaria.delprete@uniroma1.it	Member
Isabella	Sannino	Politecnico di Torino		iabella.sannino@polito.it	Member

### 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.

### TC meetings in the reporting period<sup>(\*)</sup>

Date (dd/mm/yy)	Online / Face2Face	Attendance (number)	TC Members (specify)	Information sent within 4 months to (Yes/No)		
				Chair of TSAC	IM Magazine	Other
@I2MTC 2024	A stay-together lunch	6	6	yes		

### Participation in Society sponsored Events (Conferences, Symposia, Workshops)<sup>(\*)</sup>

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)
I2MTC 2024	20/05/2024	23/05/2024	all			Peer review of papers
MeMeA 2024	26/06/24	28/06/24	all			Peer review of papers

### Involvement in standard development<sup>(\*)</sup>

Standard	Working Group	Revision	Activity in the reporting period, including dates	Notes, attendance
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\* Please add as many rows as needed

## Participation in the development of Society Educational Programs<sup>(\*)</sup>

Program name	Involvement of chapters and sections	Activity in the reporting period, including dates	Notes, attendance
I&M Society Short Course		One member of the TC-17 is in the Editorial Committee	

## Other Activities (tutorials, teaching, career, cooperation, publications, joint activity with chapters or sections) <sup>(\*)</sup>

Type of activity	Starting date (dd/mm/yy)	Ending date (dd/mm/yy)	Activity in the reporting period	Notes, attendance
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## Recommended candidates<sup>(\*)</sup>

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)

The TC activities carried out in the past years were mainly devoted to encourage the TC members to collaborate in the frame of the main research topics of the Committee. Moreover, some actions for the revitalization of the TC have been recently undertaken and are still in progress.

A video for disseminating the TC activities and to keep it growing and make it useful for the scientific communities has been realized and published on the web site.

A reorganization of the TC has been approved and a new chair and a secretary were appointed in 2023. The number of members increased in the last year, thus giving impetus to future activities.

One of the new young researcher member won the IEEE Instrumentation and Measurement Society Best Dissertation Award 2024.

## 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)

The TC plans will plan to continue the actions undertaken to revitalize the TC and increase the number of TC members, encouraging also young professionals and PhDs to join the Committee. The TC will plan to sponsor the IEEE-IMS symposia and conferences in the next years, looking for the opportunity to organize special sessions and tutorials.

Actually, TC is working on a proposal for a Special Session on “Materials and Protocols in Dentistry” at MeMeA2025.

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

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

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The TC would plan to have valuable synergies with the Italy Chapter of IMS in the next future and to develop also strategic synergies with other TCs.  
TC-17 Chair is currently VP Membership; other members have active roles in the Instrumentation and Measurement Society.

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

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\* Please add as many rows as needed