



TC ANNUAL REPORTING FORM

IMS Technical Committee

TC-7 Signals and Systems in Measurement

Reporting period

Starting date (dd/mm/yy)	Ending date (dd/mm/yy)	Date of submission (dd/mm/yy)
01/01/2025	31/12/2025	30/1/2026

Website

Last update (mm/yy)

<https://ieee-ims.org/technical-committee/tc-07-signals-and-systems-measurement>

TC Chair or co-Chairs

First Name	Second Name	Family Name	Affiliation /Address	Membership number	Phone	e-mail address	Date of election
Ruqiang		Yan	Xi'an Jiaotong University	41600650	+8613584054760	yanruqiang@xjtu.edu.cn	
Shibin		Wang	Xi'an Jiaotong University	92898048	+868202944018	angshibin2008@xjtu.edu.cn	

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
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TC Membership list(*)

First Name	Second Name	Family Name	Affiliation /Address	Membership number	Phone	e-mail address	TC assignments (joining year)
Yuhua		Cheng	University of Electronics Science and Technology of China			yhcheng@uestc.edu.cn	2013
Weihua		Li	South China University of Technology			weihualee@gmail.com	2012
Qingbo		He	Shanghai Jiaotong University			bhe@sjtu.edu.cn	2011

* Please add as many rows as needed

Lingfei	Mo	Southeast University			lfmo@seu.edu.cn	2014
Chuang	Sun	Xi'an Jiaotong University			ch.sun@xjtu.edu.cn	2018
Xingwu	Zhang	Xi'an Jiaotong University			xwzhang@mail.xjtu.edu.cn	2018
Susanna	Spinsante	Università Politecnica delle Marche	41596910	+39 071 220 4102	s.spinsante@staff.univpm.it	2022
Grazia	Iadarola	Polytechnic University of Marche	93782168	+39 3887694408	g.iadarola@staff.univpm.it	2022
Chengyu	Liu	Southeast University	92815226	+86-15952039150	chengyu@seu.edu.cn	2020

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

Promote the understanding of the discipline of Systems Engineering in the field of Instrumentation & Measurement;

Explore modeling and signal processing techniques which can greatly enhance test methodology, accuracy and efficiency through effective implementation of systems engineering;

Develop standards or implementation guides as the science develops;

Maintain liaison with other groups, societies, and standards activities working in the same area

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)
22/11/2025	Face2Face	10	5			TC meeting at ICSMD2025
15/06/2025	Face2Face	8	4			TC meeting for organizing ICSMD2025
11/10/2025	Face2Face	60	5			The PHM-Xi'an Conference/EiC Forum

Minutes of the yearly meeting (separate file)¹:

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

¹ Yes/No, date of the yearly meeting;

* Please add as many rows as needed



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
I2MTC2025	19/05/2025	22/05/2025					Review papers, chair sessions
ICSMD2025	21/11/2025	23/11/2025		Yes			Organizing conference
PHM-Xi'an2025	10/10/2025	12/10/2025					Organizing conference

Involvement in standard development^(*)

Standard	Working Group	Revision	Activity in the reporting period, including dates	Notes, attendance
N/A				

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

Program name	Involvement of chapters and sections	Activity in the reporting period, including dates	Notes, attendance
IMS mentor program		Mentoring one IMS student member	

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
Publications			Publish several papers in IEEE Transactions on Instrumentation and Measurement	
Teaching	03/03/2025	12/05/2025	Teaching in Intelligent Sensing and Measurement Technology for undergraduate at Xi'an Jiaotong University	10

Recommended candidates^(*)

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

Type (ADCOM, Fellow, Award –specify-)	First Name	Second Name	Family Name	Affiliation /Address	Motivation
Award:J. Barry Oakes Advancement Award	Liuyang		Zhang	Xi'an Jiaotong University	Dr. Liu is an excellent young scholar working in the area of NDT, especially for Tereheze sensing
Graduate Student Fellowship	Chengye		Hu	Xi'an Jiaotong University	Nominating candidate for Graduate Student Fellowship
UnderGraduate Student Fellowship	Xinxian		Chen	Xi'an Jiaotong University	Nominating candidate for UnderGraduate Student Fellowship

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

TC-7 will provide support for I2MTC 2026, AI4IM2026, organize ICSMD2026 conference, help IMS for the Mentor Program, and work with local chapters to deliver lectures for student in China Universities.

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)

TC-7 will have regular meetings, organize annual conference on sensing, measurement and data analytics in the era of artificial intelligence (ICSMD), and also propose special sessions in I2MTC conference. TC-7 will also propose new standard on helicopter health monitoring.

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

Work together with TC-3 to organize International Conference on Sensing, Measurement and Data Analytics in the Era of Artificial Intelligence(ICSMD2025),Guangzhou, China, November 21- 23, 2025.

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

N/A

* Please add as many rows as needed