

ASME MED Manufacturing Equipment & Automation (ME) Technical Committee (TC)

Report for MSEC 2020

June 22, 2020

A. Technical Committee Membership

Number of Committee Members: Total 34 (list in Appendix).

Note: Membership updated in June 2020, based on the following criteria established in 2014.

- *All organizers of symposia are considered as members for the next four years.*
- *All reviewers of papers submitted to the symposia are considered as members for the next two years. Memberships will be active as per continued involvement.*

Chair: (Incoming) Burak Sencer (Oregon State University)
(Outgoing) Parikshit Mehta (Arconic Technology Center)

Vice-Chair: (Incoming) Chandra Nath (Oregon State University)
(Outgoing) Burak Sencer (Oregon State University)

B. Update on ME TC Activities

1. MSEC 2020

- ME TC received 3 symposium proposals (listed below). All 3 proposals were approved and all accepted papers were distributed within sessions for MSEC 2020.
- TC name was updated to “Manufacturing Equipment & Automation” given advances in research focused on Automation within the Manufacturing Equipment. This will enable expansion of TC symposia scope in Physical Automation & Digital Manufacturing, with better line of sight with Smart Manufacturing.

List of Symposia (3)

(1) Innovations in Equipment Design, Control and Automation

- Dr. Christopher Saldana, Georgia Tech, christopher.saldana@me.gatech.edu
- Dr. Chandra Nath, Hitachi America Ltd, nathc2@asme.org
- Dr. Hongliang Wang, General Motors, hongliang.wang@gm.com

(2) Tribology of Material Removal/Deformation Processes and Machinery

- Dr. Mathew Kuttolamadom, Texas A&M University, mathew@tamu.edu
- Dr. Dinakar Sagapuram, Texas A&M University, dinakar@tamu.edu
- Dr. Rachid M'Saoubi, Seco Tools AB, Sweden, achid.msaoubi@secotools.com

(3) Advances in the Mechanics of Cutting, Forming and Materials Processing

- Dr. Dinakar Sagapuram, Texas A&M University, dinakar@tamu.edu
- Dr. Koushik Viswanathan, Indian Institute of Science, koushik@iisc.ac.in

- Dr Yang Guo, Michigan State University, yguo@egr.msu.edu

2. MSEC 2021

- ME TC has received and forwarded 3 symposium proposals so far (June 8, 2020).
- Plan to propose *Symposium-Invited Keynote Speaker* (previously, Robert Carpick)
- Plan to invite more *Industry Speakers* (previously James Mann, M4 Sciences)

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- Dr Yang Guo, Michigan State University, yguo@egr.msu.edu

Appendix. Member List of ASME MED Manufacturing Equipment (ME) Technical Committee - Alphabetical order (by last name) - Updated: June 2019

#	First Name	Last Name	Email	Affiliation	Areas	Year of Addition
1	Keith	Bourne	keith.bourne@ccam-va.com	Commonwealth Center for Advanced Manufacturing, USA		2015
2	Wayne	Cai	wayne.cai@gm.com	General Motors, USA		2015
3	Rodrigo	Cooper	rcooper@varelintl.com	Varel Oil & Gas Drill Bits		2014
4	Uttara	Dani	uttara.dani@ge.com	GE Global Research, USA		2015
5	Hongtao	Ding	hongtao-ding@uiowa.edu	University of Iowa, USA		2015
6	Placid	Ferreira	pferreir@illinois.edu	University of Illinois, Urbana Champaign, USA		2014
7	Andrew	Henderson	AndrewJ.Henderson@ge.com	GE , USA		2014
8	Said	Jahanmir	sjahanmir@mitiheart.com	Mohawk Innovative Technology, Inc., USA		2014
9	Vukica	Jovanovic	v2jovano@odu.edu	Old Dominion University, USA		2015
10	Mathew	Kuttolamadom	mathew@tamu.edu	Texas A&M University , USA		2011
11	Xinyu	Liu	xinyu.liu@lamar.edu	Lamar University, USA		2014
12	Laine	Mears	mears@clemson.edu	Clemson University , USA		2014
13	Parikshit	Mehta	Parikshit.Mehta@arconic.com	Arconic Technology Center, USA		2014
14	Rachid	M'Saoubi	rachid.msaoubi@secotools.com	Seco Tools AB, Fagersta, Sweden		2016
15	Narayanan	Namboothiri	nnamboothiri@cusat.ac.in	Cochin University of Science and Engineering, India		2014
16	Chandra	Nath	chandra.nath@me.gatech.edu	Georgia Tech, USA		2014
17	Farbod	Niaki	fakhava@clemson.edu	Clemson University, USA		2018
18	Chetan	Nikhare	cpn10@psu.edu	The Pennsylvania State University, USA		2014
19	Alexander	O'Connor	alexander.p.o'connor@boeing.com	Boeing, USA		2015
20	Chinedum	Okwudire	okwudire@umich.edu	University of Michigan, USA		2014
21	Prahalad	Rao	prao@binghamton.edu	Binghamton University, USA		2015
22	John	Roth	jtr11@psu.edu	The Pennsylvania State University, Erie, PA, USA		2014
23	Niklaus	Rüttimann	n.ruettimann@blaser.com	Blaser Swisslube, USA		2016
24	Dinakar	Sagapuram	dinakar@tamu.edu	Texas A&M University, USA		2016
25	Christopher	Saldana	christopher.saldana@me.gatech.edu	Georgia Tech, USA		2014
26	Burak	Sencer	burak.sencer@oregonstate.edu	Oregon State University, USA		2015
27	Durul	Ulutun	du005@bucknell.edu	Bucknell University, USA		2014
28	Fujun	Wang	wangfujun@tju.edu.cn	Tianjin University, China		2014
29	Hongliang	Wang	hongliang.wang@gm.com	General Motors, Warren, MI, USA		2017
30	John	Wentz	went2252@stthomas.edu	University of St. Thomas, USA		2014
31	Zhenhua	Wu	zwu@vsu.edu	Virginia State University, USA		2015
32	Jun	Zhao	zhaojun@sdu.edu.cn	Shandong University, China		2014
33	Koushik	Viswanathan	koushik@iisc.ac.in	Indian Institute of Science, Bengluru, India		2019
34	Yang	Guo	yguo@egr.msu.edu	Michigan State University, MI, USA		2019