

Tuesday, August 18, 2026		
Starts	Ends	
8:00	9:00	ENTERANCE HALL
		REGISTRATION
		ROOM 1
9:00	12:30	Lang. Tutors
		TR Metroloji; Üretimdeki Yeri ve Takım Tezgahlarındaki Uygulamaları Doç.Dr. Tanfer Yandayan, TÜBİTAK UME
		Sibet Aslı Akgöz, TÜBİTAK UME
12:30	14:00	LUNCH
		ROOM 1
14:00	17:00	Lang. Tutors
		TR CNC Takım Tezgahları üzerinde uygulama: Renishaw XM-60 Çok eksenli kalibratör ve QC20 balıbar sistemiyle takım tezgahlarının kalibrasyonu ve performans kontrolü uygulaması Doç.Dr. Tanfer Yandayan, TÜBİTAK UME
		Rıza Tuzcu, RENISHAW

Wednesday, August 19, 2026												
Starts	Ends	ENTRANCE HALL										
8:30	9:30	REGISTRATION										
		ROOM 1										
		OPENING CEREMONY										
9:30	10:00	Welcoming Speech by Conference Chair, Prof. Dr. S. Engin Kılıç Speech by Host University (ITU) Rector, Prof. Dr. S. Hasan Mandal Speech by METU Rector, Prof. Dr. Ahmet Yozgatligil										
10:00	10:30	COFFEE BREAK										
		ROOM 1										
		PANEL										
10:30	12:30	BUILDING HUMAN CAPABILITY FOR COLLABORATIVE AUGMENTED INTELLIGENCE ECOSYSTEMS Engineering Human-AI Collaboration for Industry 5.0 and Beyond Moderator: Assoc. Prof. Tarkan Gürbüz Panelists: Prof. Dr. Hasan Mandal, Prof. Dr. Ahmet Yozgatligil, Donald H. Taylor, Suat Baysan										
12:30	14:00	LUNCH										
		ROOM 1										
		KEYNOTE SPEECH										
14:00	14:45	By: Prof. Dr. Alessandro Balsamo Coordinate Metrology in Manufacturing Chair: Assoc. Prof. Tanfer Yandayan										
		ROOM 1										
14:45	15:00	Sponsors Session		KALE PRATT & WHITNEY								
		ROOM 1										
		KEYNOTE SPEECH										
15:00	15:45	By: Prof. Dr. Yusuf Altıntaş Digital Machining of Blades Chair: Prof. Dr.İbrahim Etem Saklakoğlu										
		ROOM 1										
15:45	16:00	Sponsors Session		RENISHAW								
16:00	16:15	COFFEE BREAK										
		ROOM 1		ROOM 2			ROOM 3			ROOM 4		
		Language	Turkish	Lang.	Paper Id	Corr. Author	Lang.	Paper Id	Corr. Author	Lang.	Paper Id	Corr. Author
		Tutorial: Digital Machining Principles and Industrial Practice		Manufacturing Process Quality, Surface Engineering and Environmental Control			Structural Mechanics, Constitutive Modelling and Fracture Analysis			Additive Manufacturing		
		Tutor: Prof. Dr. Yusuf Altıntaş		Chair: Assoc. Prof. Öncü Akyıldız			Chair: Dr. Nevzat Bircan Buğdaycı			Chair: Prof. Dr. Ulaş Yaman		
		Metal cutting mechanics to predict torque, power consumption and cutting forces		EN	35	Mehmet Görtan	EN	33	Mustafa Doruk Sönmez	EN	7	Hongli Ju
		Machine tool vibrations and measurement of machine dynamics using impact hammers		EN	50	Eray Sürgeç	EN	42	Vilaiat Alekperov	EN	30	İnci Lazoglu
		Chatter stability analysis for one- and multi-dimensional machining operations		EN	79	İclal Tetik	EN	53	Burak Özcan	EN	41	Yaşar Üstünel
		Application of digital machining in industry to achieve high productivity without scrap		EN	65	Uscan Uskaner	EN	69	İclal Burcu Erciyas	EN	80	Kübra Özer
		Demonstration of CUTPRO and MACHPRO technologies								EN	8	Shuchen
19:00		Welcome Cocktail										

Thursday, August 20, 2026														
Starts	Ends	ROOM 1												
9:00	10:30	PANEL												
		INFORMATION SECURITY IN THE MACHINERY MANUFACTURING INDUSTRY												
		Moderator: Cüneyt Deliktaş												
		Panelists: Prof. Dr. Mustafa Alkan, Prof. Dr. Şerif Bahtiyar, Prof. Dr. Kemal Bıçakçı, Prof. Dr. İbrahim Özçelik, Prof. Dr. Alptekin Küpçü												
10:30	11:00	COFFEE BREAK												
11:00	11:45	ROOM 1												
		KEYNOTE SPEECH												
		By: Prof. Dr. Tamotsu Murakami Method for Creative Machine Design												
		Chair: Prof. Dr. Yoshiyuki Matsuoka												
11:45	12:00	ROOM 1												
		Sponsors Session									ONPLUS			
12:00	13:30	LUNCH												
13:30	15:00	ROOM 1			ROOM 2			ROOM 3			ROOM 4			
		Lang.	Paper Id	Corr. Author	Lang.	Paper Id	Corr. Author	Lang.	Paper Id	Corr. Author	Lang.	Paper Id	Corr. Author	
		SS: Monitoring Technology for Manufacturing in Taiwan			SS: Data-Driven Modeling and AI-Applications in Engineering			SS: Design of Personalized Medical Devices			SS: Lifecycle Analysis of Modern Defense Systems			
		Chairs: Prof. Dr. Ming-Chyuan Lu Dr. Chung-Yu (Harkat) Tai			Chair: Prof. Dr. H. Özgür Ünver			Chair: Dr. E. Smotrova-Kayalı			Chair: Dr. Yağız Kayalı			
		EN	5	Ting-Hua Zhang	EN	15	Max-Heiner Birk	KEYNOTE SPEECH: Dr. Andy Gleadall			KEYNOTE SPEECH: Dr. Emel Mahmutyazıcıoğlu			
		EN	13	Kuan-Ming Li	EN	23	Nilgün Fescioğlu Ünver							
		EN	40	Ming-Chyuan Lu	EN	111	Özgecan San	EN	21	İlia Vindokurov	TR	107	Alican Bayram	
		EN	58	Zhi-Peng Wang	EN	99	Ömer Dehan Özboz	EN	27	Mikhail Tashkinov	TR	102	Fırat Ertürk	
		KEYNOTE SPEECH: Dr. Hakan Yavaş												
15:00	15:30	COFFEE BREAK												
15:30	17:00	ROOM 1			ROOM 2			ROOM 3			ROOM 4			
		Lang.	Paper Id	Corr. Author	Lang.	Paper Id	Corr. Author	Lang.	Paper Id	Corr. Author	Lang.	Paper Id	Corr. Author	
		SS: Design Science and Timeaxis Design			SS: Data-Driven Modeling and AI-Applications in Engineering			SS: Design of Personalized Medical Devices			SS: Lifecycle Analysis of Modern Defense Systems			
		Chairs: Prof. Dr. Yoshiyuki Matsuoka Associate Professor Takeo Kato Prof. Dr. Akinari Hirao			Chair: Prof. Dr. H. Özgür Ünver			Chair: Dr. E. Smotrova-Kayalı			Chair: Dr. Ahmet Aydoğan			
		EN	25	Akinari Hirao	EN	45	Nedim İçten	EN	36	Emre Ulusoy	TR	103	Ahmet Çataıkaya	
		EN	43	İkki Koda	EN	47	Ahmet Sayıl	EN	56	Anastasia Tarasova	TR	117	Arda Doğançıl	
		EN	44	Mimi Kawano	EN	93	Ata Umut Şahin	EN	72	Muhammet Mustafa Er	TR	118	Cumhur Dikmen	
		EN	54	Akinari Hirao							TR	98	Tansu Gönük	
17:00	17:30	COFFEE BREAK												
17:30	17:45	Sponsors Session									KAE SYSTEMS			ROBOLAUNCH
17:45	19:15	ROOM 1			ROOM 2			ROOM 3			ROOM 4			
		Lang.	Paper Id	Corr. Author	Lang.	Paper Id	Corr. Author	Lang.	Paper Id	Corr. Author	Lang.	Paper Id	Corr. Author	
		SS: Design and Human Interface			Robotics			Matzeme Şekillendirme, Kompozitler ve Hibrit İmalat			SS: Lifecycle Analysis of Modern Defense Systems			
		Chairs: Prof. Dr. Tetsuro OGI Assistant Professor Kei Matsuoka			Chair: Prof. Dr. İlhan Konukseven			Chair: Dr. Hakan Kalkan			Chair: Dr. Yağız Kayalı			
		EN	14	Hideo Miyachi	EN	37	Melikşah Beşir	TR	6	Ceren Taçyıldız	TR	UD	Mertcan Başkan	
		EN	24	Masao Yokota	EN	110	H. Özgür Ünver	TR	76	Murat Kaya	TR	106	Mehmet Can Baytekin	
		EN	34	Towa Sakurai	EN	125	Sarper Gurbüz	TR	87	Orhan Cakir	TR	109	Hüseyin Avnı Yaşar	
EN	39	Yuki Kida	EN	55	Emre Taş	TR	91	Yunus Nehri	TR	101	Senem Gücüyener			
									TR	100	Serkan Öztürk			
20:00		GALA DINNER												

Friday, August 21, 2026													
Starts	Ends	ROOM 1											
9:00	9:45	PLANARY SESSION											
		Celebration of the life and achievements of Prof. Dr. Turgut Tümer by: Prof. Dr. Nevzat Özgüven Chair: Prof. Dr. Birol Kılış											
		KEYNOTE SPEECH By: Prof. Dr. Feza Korkusuz Motion Analysis: From Basics to AI-Based Tools Chair: Prof. Dr. Nevzat Özgüven											
10:30	11:00	COFFEE BREAK											
11:00	11:15	ROOM 1											
		Sponsors Session		MEGA DANIŞMANLIK							MEGA SOLUTIONS		
11:15	12:45	ROOM 1			ROOM 2			ROOM 3			ROOM 4		
		Lang.	Paper Id	Corr. Author	Lang.	Paper Id	Corr. Author	Lang.	Paper Id	Corr. Author	Lang.	Paper Id	Corr. Author
		SS: In Memory of Prof. Dr. S. Turgut Tümer			Mechanisms, Machine Components and Mechanical Performance			Machining Mechanics, Composite Drilling and Cutting-Force Modelling			Savunma ve Enerji Sistemlerinde Yapısal Tasarım ve Analiz		
		Chair: Prof. Dr. Nevzat Özgüven			Chair: Prof. Dr. Haydar Livatyalı			Chair: Prof. Dr. Ulvi Şeker			Chair: Prof. Dr. Mustafa Bakkal		
		EN	49	Semih Nazlıgül	EN	22	Engin Metin Kaplan	EN	64	Okan YILMAZ	TR	31	Esra Yalçınsoy
		EN	60	Mert İlbeyli	EN	18	Beliğ Tank Ötsay	EN	67	İrati Malkorra Sarasola	TR	68	Mete Kayihan
		EN	74	Tuba Okutucu-Özyurt	EN	26	İrem Ekici	EN	82	Orhan ÇAKIR	TR	73	Mete Kayihan
		EN	77	Birol Kılış	EN	96	Burak Can	EN	83	Nevzat Bircan Bugdayci	TR	88	Şükran Katmer
		EN	124	Behzat Kentel							TR	105	Lutfi Colak
12:45	14:15	LUNCH											
14:15	14:30	ROOM 1											
		Sponsors Session		BELGİN OIL									
14:30	15:45	ROOM 1			ROOM 2			ROOM 3			ROOM 4		
		Lang.	Paper Id	Corr. Author	Lang.	Paper Id	Corr. Author	Lang.	Paper Id	Corr. Author	Lang.	Paper Id	Corr. Author
		Digital Manufacturing, Tool Dynamics			Industrial Machine Design, Automation, and Human-Centred Manufacturing			Eniyileme			AI Applications and Optimization in Manufacturing		
		Chair: Dr. Bahram Lotfi			Chair: Prof. Dr. M. Cemal Çakır			Chair: Prof. Dr. Orhan Çakır			Chair: Assoc.Prof. Tarkan Gürbüz		
		EN	84	Yunus Kiziltepe	EN	16	Barış Çetin	TR	19	Yunus Emre Kınacı	EN	48	Yusuf Özkan
		EN	86	Eren Karataş	EN	10	Cafer Babacan	TR	28	Mete Kayihan	EN	52	Emine Aysu Şen
		EN	90	Zekai Murat Kılıç	EN	46	Emre Taş	TR	122	Haydar Livatyalı	EN	123	Behzat Bahadır Kentel
		EN	108	Zekai Murat Kılıç	EN	51	Ramazan Akar	TR	113	Gökhan Mengütay	EN	120	Barış Çetin
					EN	32	Hıdır Duzkaya						
15:45	16:15	COFFEE BREAK											
16:15	17:45	ROOM 1			ROOM 2								
		Lang.	Paper Id	Corr. Author	Lang.	Paper Id	Corr. Author						
		Makine, Mekanizma ve Robotik Sistem Tasarımı			Talaşlı İmalat, Kesme Dinamiği ve Yüzey Kalitesi								
		Chair: Prof. Dr. Ali Oral			Chair: Dr. Ramazan Namlu								
		TR	3	Emre Akagündüz	TR	12	Mehmet Sofuoğlu						
		TR	9	Cafer Babacan	TR	17	Yunus Emre Kınacı						
		TR	114	Ahmet Yılmaz	TR	112	Fatih Karakaş						
TR	115	Furkan Durmaz											