Friday, August 16

All Rooms on the 4th Floor

Room	9:00am – 5:15pm
Carmel	**MS Pre-IDETC/CIE Summer School**

Saturday, August 17

All Rooms on the 4th Floor

Room	9:00am – 6:15pm
Carmel	**MS Pre-IDETC/CIE Summer School**
Santa Monica	**MR Kinematics Summer School**

Sunday, August 18

All Rooms on the 4th Floor

Malibu	(5:00pm – 6:00pm) **CIE Executive Committee Meeting (Closed Door) – This Meeting is Cancelled**
El Capitan A	(9:00am – 12:00pm) Workshop #1: **Sustainability and Optimization - Theory and Practice**
El Capitan B	(1:00pm – 5:00pm) Workshop #2: **Advanced Design, Simulation, and Finite Element Analysis of Gear Drives**
Avila A	(1:00pm – 5:00pm) Workshop #3: **Workshop on Trends in Connected and Autonomous Vehicles**
Avila B	(1:00pm – 5:00pm) Workshop #4: **Hydrokinetic Energy Harvesting**
San Simeon A	(1:00pm – 6:30pm) Workshop #5: **Leveraging Strengths for Effective Communication and Collaboration**
San Simeon B	(9:00am – 5:00pm) Workshop #6: **Technology Forecasting for Engineering Design**
Huntington A	(1:00pm – 5:00pm) Workshop #7: **Problem of Minds: What the Octopus Teaches Us**
Huntington B	1:00pm – 6:30pm) Workshop #8: **Complex Parts Intelligent Manufacturing**
Palos Verdes B	1:00pm – 6:30pm) Workshop #9: **Teaching Scrum for Hardware/System Design**
Laguna A	(1:00pm – 5:00pm) **DED Executive Committee Meeting (Closed Door)**
Huntington C	(4:00pm – 6:00pm) **Associate Editor Training**
Palos Verdes A	(6:00pm – 7:00pm) Associate Editor Reception
Capistrano A	(9:00am – 4:30pm) Tutorial #1: **Learning Topology Optimization through Examples and Case Studies**
Capistrano B	(1:00pm – 5:00pm) Tutorial #2: **Structronic Systems and Precision Actuations – This Meeting is Cancelled**
Carmel	(9:00am – 4:45pm) **MS Pre-IDETC/CIE Summer School**
Santa Monica	(8:30am – 5:30pm) **MR Kinematics Summer School**
Palisades	(1:00pm – 4:00pm) Tutorial #3: **Designing, Prototyping, and Programming Robot Motions using MotionGen and SnappyXO**
Oceanside	(2:00pm – 6:00pm) Tutorial #5: **Tutorial on Multibody Flexible Robot Design**
Redondo	(2:00pm – 4:00pm) **Future Faculty Panel**
Ventura	(9:00am – 5:00pm) **Speaker Ready/Author Practice Room**
San Clemente	Tutorial #6 (9:00am – 1:00pm): **Constructing Preference, Value, and Utility Functions in Engineering Design**
Palos Verdes A	Tutorial #7 (9:00am –1:00pm): **Lie Group Modeling of Robot Kinematics and Dynamics – A Hands-On Introduction**

SESSIONS AT-A-GLANCE
Monday, August 19

California Ballroom 2nd Floor
All other rooms on the 4th Floor

Room	7:00am – 7:50am	8:00am – 9:00am	9:10am – 10:30am	10:30am – 10:50am	10:50am – 12:10pm	12:10pm – 2:10pm	2:10pm – 3:50pm	3:50pm – 4:10pm	4:10pm – 5:50pm	7:00pm – 9:00pm
California Ballroom A		MR-4-1	MR-3-1		MR-3-2		MR-4-2		MR-4-3	
California Ballroom B					DEC-6-1 Keynote		DAC-24-1 Keynote			
California Ballroom C-D	Attendee Breakfast					CIE Awards Luncheon				
4th Floor Foyer				AM Coffee Break				PM Coffee Break		
The Grand Plaza										Opening Reception
Coronado		CIE-20-1	CIE-15-1		CIE-16-1					
Santa Monica		MR-11-1	MR-11-2		MR-2-1		MR-1-1		MR-8-1	
Malibu		CIE-1-1	CIE-1-2		CIE-4-1 (Panel)		CIE-28-1 Keynote			
El Capitan A		CIE-13-1	CIE-2-3 (Panel)							
El Capitan B		DAC-2-1	DAC-2-2		DAC-5-1				DAC-9-1	
Avila A		DAC-18-1	DAC-3-1		DAC-3-2				DAC-4-1	
Avila B		DAC-14-1	DAC-21-1		DAC-10-1				DAC-10-2	
San Simeon A		VIB -15-1 Keynote	VIB-3-1		VIB-15-2 Keynote		VIB-3-2		VIB-4-1	
San Simeon B			VIB-2-1				VIB-2-2		VIB-5-1	
Huntington A			VIB-1-1				VIB-1-2		VIB-7-1	
Huntington B						JMR Editorial Board Meeting				
Huntington C						E-Fest Presentation				
Laguna A		DTM-11-1	DTM-10-1 Lightning Talks		DTM-6-1		DTM-7-1		DTM-6-2	
Laguna B		MNS-3-1	MNS-3-2		MNS-3-3					
Capistrano A		MNS-6-2			MNS-6-1		MNS Keynote		MNS-6-3	
Capistrano B			DEC-2-1				DEC-1-1		DEC-4-1	
Palisades		AVT-1-1	AVT-9-1 (Keynote)		AVT-2-1		AVT-1-2		AVT-1-3	
Oceanside		Keynote	DFMLC-2-1		DFMLC-3-1		DFMLC-1-1		DFMLC-1-2	

Room	7:00am – 7:50am	8:00am – 9:00am	9:10am – 10:30am	10:30am – 10:50pm	10:50am – 12:10pm	12:10pm – 2:10pm	2:10pm – 3:50pm	3:50pm – 4:10pm	4:10pm – 5:50pm	6:00pm – 8:00pm
Redondo		MSNDC-9-1 Keynote 1	MSNDC-5-1		MSNDC-5-10		MSNDC-5-5		MSNDC-5-8	
Sunset			MSNDC-3-2		MSNDC-3-3		MSNDC-3-1		MSNDC-5-7	
La Jolla			MSNDC-2-1		MSNDC-2-3		MSNDC-6-1		MSNDC-8-1	
San Clemente			MESA-2-1		MESA-4-1		MESA-Keynote		MESA-1-1	
Palos Verdes B			MESA-9-1		MESA-5-1/6-1				MESA-11-1	
Monterey		PTG-2-1	PTG-1-1		PTG-9-1 Keynote		PTG-2-2		PTG-2-3	
Salinas		PTG-4-1	PTG-4-2				PTG-7-1			

SESSIONS AT-A-GLANCE
Tuesday, August 20

California Ballroom 2nd Floor
All other rooms on the 4th Floor

Room	7:00am – 7:50am	8:00am – 9:00am	9:10am – 10:30am	10:30am – 10:50pm	10:50am – 12:10pm	12:10pm – 2:10pm	2:10pm – 3:50pm	3:50pm – 4:10pm	4:10pm – 5:50pm	6:00pm – 8:00pm
California Ballroom A		MR-5-1	MR-5-2				MR10-1		MR-10-2	
California Ballroom B					MR-12-1 Keynote					
California Ballroom C-D	Attendee Breakfast					DED Awards Luncheon				
4th Floor Foyer				AM Coffee Break				PM Coffee Break		
Coronado		CIE-17-1	CIE-19-1		CIE-12-1		CIE-12-2		CIE-12-3	
Santa Monica		MR-7-1	MR-6-1				MR-9-1		MR-9-2	
Malibu		CIE-9-1	CIE-27-1 (Panel)		CIE-23-1 (Panel)		CIE-18-1		CIE-7-1	
El Capitan A		CIE-14-1	CIE-14-2		CIE-5-1		CIE-5-2		CIE-5-3	
El Capitan B		DAC-15-1	DAC15-2		DAC-13-1		DAC-25-1 (Panel)		DAC-7-1	
Avila A		DAC-22-1	DAC-8-1/CIE-25-1		DAC-8-2/CIE-25-2		DAC-20-1		DAC-20-2	
Avila B		DAC-11-1	DAC-11-2		DAC-10-3		DAC-10-4		DAC-6-1	

Room	7:00am–8:00am	8:00am–9:40am	9:40am–10:00am	10:00am–11:40am	11:40am–1:15pm	1:15pm–2:55pm	1:15pm–2:55pm	2:55pm–3:10pm	3:15pm–4:55pm
San Simeon A		VIB-15-3 Keynote	VIB-4-2		VIB-4-3		VIB-4-4		VIB-4-5
San Simeon B			VIB-12-1		VIB-12-2		VIB-13-1		VIB-5-2
Huntington A			VIB-6-1		VIB-8-1		VIB-8-2		VIB-8-3
Huntington B							7th Annual EGD Research Forum		
Huntington C						E-Fest Presentation			
Laguna A		DTM-8-1	DTM-13-1-DFMLC		DTM-5-1		DTM-9-1		DTM-4-1
Capistrano A		MNS-2-1	MNS-7-1		MNS-5-1		MNS-2-1-Keynote		MNS-2-2
Capistrano B			DEC-5-1		DEC-5-2		DEC-2-2		
Palisades		AVT-3-1	AVT-10-1 Milliken		AVT-3-2		AVT-5-1		AVT-8-1
Manhattan							AVT-7-1		AVT-6-1
Oceanside		DFMLC-6-1			DFMLC-8-1		DFMLC-7-1		DFMLC-10-1
Redondo		MSNDC-9-2 Keynote 2	MSNDC-5-2		MSNDC-5-11		MSNDC-5-3		MSNDC-5-12
Sunset					MSNDC-7-1		MSNDC-7-2		MSNDC-7-3
La Jolla			MSNDC-2-2		MSNDC-2-4		MSNDC-5-9		MSNDC-1-1
San Clemente		MESA-13-1	MESA-7-1/8-1		MESA-14-3		MESA-14-1		MESA-14-2
Palos Verdes B		MESA-15-1	MESA-15-2		MESA-10-1/12-1		MESA-3-1		MESA-17-1
Monterey		PTG-3-1	PTG-3-2		PTG-3-3		PTG-3-4		PTG-5-1
Salinas		PTG-6-1	PTG-6-2		PTG-1-2				

SESSIONS AT-A-GLANCE

Wednesday, August 21

California Ballroom 2nd Floor
All other rooms on the 4th Floor

Room	7:00am – 8:00am	8:00am – 9:40am	9:40am – 10:00am	10:00am – 11:40am	11:40am – 1:15pm	1:15pm – 2:55pm	1:15pm – 2:55pm	2:55pm – 3:10pm	3:15pm – 4:55pm
California Ballroom C-D	Attendee Breakfast				Lunch Break (no lunch provided)				

4th Floor Foyer			AM Coffee Break					PM Coffee Break	
Coronado		CIE-3-1		CIE-3-2					
Malibu		CIE-8-1		CIE-8-2					
El Capitan A		CIE-2-1		CIE-2-2					
Avila A		DAC-17-1		DAC-20-3					
Avila B		DAC-6-2		DAC-6-3					
San Simeon A		VIB-15-4 Keynote		VIB-4-6			VIB-14-1	VIB-14-2	
San Simeon B				VIB-10-1			VIB-10-2	VIB-10-3	
Huntington A				VIB-9-1			VIB-9-2	VIB-11-1	
Laguna A		DTM-14-1		DTM-9-2			DTM-6-3	DTM-12-1	
Capistrano A		MNS-4-1		MNS-2-3					
Palisades		AVT-6-2		AVT-8-2			AVT-8-3		
Redondo		MSNDC-9-3 Keynote 3		MSNDC-5-4		MSNDC-5-6			
Sunset				MSNDC-4-1		MSNDC-4-2			
Monterey		PTG-5-2		PTG-8-1			PTG-8-2		