

IMAC-XLII   January 29 - February 1, 2024   Rosen Plaza Hotel (Orlando, FL)										
		ROOM	Salon 8	Salon 9	Salon 10	Salon 11	Salon 12	Salon 13	Salon 14	
MON	8:00-8:45 a.m.	Breakfast	DYNAMIC SUBSTRUCTURES	Additive Manufacturing	Experimental Techniques	Aircraft/Aero & Test	DYNAMICS OF CIVIL STRUCT	Basics of Modal Analysis	NONLINEAR STRUCT & SYS	
		Session #	1	2	3	4	5	6	7	
		Session Title	01. Linear Joints and Coupling	02. Additive Manufacturing	03. Modal & Acoustic Characterization	04. Aerospace I	05. Structural Health Monitoring I	06. Modal Analysis for the New/Young Engineer I	07. Nonlinear Vibration Fundamentals	
		Organizer (if applies)					Kirk Grimmelsman	Marinone, Dilworth, Blou		
		Chair(s)	Annalisa Fregolent Nevzat Özgüven	Jim De Clerck Gita Deonarain	Joel Sills Greta Colford	Eric Stasiunas Kevin Napolitano	Kirk Grimmelsman Knut Andreas Kvale	Jon Furlich Brandon Dilworth	Matthew Brake	
	9:00 a.m.	Paper 1	16482 Rixen (60 min)	16791 Košir	16779 Fladung	16973 Martins	16749 Svendsen	17187 Walber/Blough (120 min)	16956 Tiso (60 min)	
	9:20 a.m.	Paper 2		16442 Black	16933 Mills	16506 Inman	17070 Luleci			
	9:40 a.m.	Paper 3		16783 Cheng-Guajardo	16950 Taslicay	16776 Semke	17054 Zambrano			
	10:00 a.m.	Paper 4		16607 Brøns	17048 Raza	16978 Shergill	16581 Akers			16748 Svendsen
	10:20 a.m.	Paper 5		16893 Di Manno		16838 Alver	16784 Panigrahi			
	10:40 a.m.	Paper 6		16640 Pogacar						
	11:00-11:30 a.m.	Coffee Break								
	11:30 a.m.-12:30 p.m.	Keynote: Randy Mayes								
	12:30-2:00 p.m.	lunch on own (IMAC Adv Bd Mtg)								
			DYNAMIC SUBSTRUCTURES	MVUQ	MODAL ANALYSIS	SENSORS & INSTRUMENT	DYNAMICS OF CIVIL STRUCT	Basics of Modal Analysis	NONLINEAR STRUCT & SYS	
		Session #	8	9	10	11	12	13	14	
		Session Title	08. Nonlinear Joints and Coupling	09. Uncertainty Quantification in Dynamics	10. Substructure	11. Sensors	12. Structural Health Monitoring II	13. Modal Analysis for the New/Young Engineer II	14. Nonlinear System Identification I	
		Organizer (if applies)		Babak Moaveni, Costas P		Chad Walber		Marinone, Dilworth, Blou	Kerschen/Ozguven	
		Chair(s)	Daniel Rixen Jacopo Brunetti	Babak Moaveni Costas Papadimitriou	Brett Daniels	Chad Walber Matt Stefanski	Matthew Whelan	Mike Mains	Gaetan Kerschen Nevzat Ozguven	
	2:00 p.m.	Paper 1	17178 Ozguven (60 min)	16658 Wagg	16897 Daniels	17016 Walber	17096 Duran	17197 Dilworth (80 min)	16645 Martinelli 16770 López 16895 Spits 16809 Kosova 16960 Shetty 16989 Van Damme	
	2:20 p.m.	Paper 2		16969 Georgalis	16668 Tiede	16659 Mains	16974 Poole			
	2:40 p.m.	Paper 3		17058 Moaveni	16497 Viala	16616 Jenkins	16741 Kent			
	3:00 p.m.	Paper 4		16808 Kreutz	16812 Kaszas	16481 Jones	16965 Szary			16848 Gothard
	3:20 p.m.	Paper 5		16502 Witteveen	16923 del Fresno Zarza					
	3:40 p.m.	Paper 6		17027 Roettgen		17015 Walber (40 min)				16494 Furlich (60 min: 40 here + 20 in s20)
	4:00-4:30 p.m.	Coffee Break								
			DYNAMIC SUBSTRUCTURES	MVUQ	Highlight	SENSORS & INSTRUMENT	DYNAMICS OF CIVIL STRUCT	Basics of Modal Analysis	NONLINEAR STRUCT & SYS	
		Session #	15	16	17	18	19	20	21	
		Session Title	15. Modal and Frequency Based Substructuring	16. Fusion of Test and Analysis	17. Open-source Scientific Computing in Structural Dynamics	18. Instrumentation	19. Dynamics of Buildings	20. Modal Analysis for the New/Young Engineer III	21. Nonlinear System Identification II	
		Organizer (if applies)		Ibrahim Sever, Scott Oue	Janko Slavič	Chad Walber	Milad Roohi	Marinone, Dilworth, Blou	Kerschen/Ozguven	
		Chair(s)	John Seymour Francesco Trainotti	Ibrahim Sever Scott Ouellette	Janko Slavič Daniel Rohe	Chad Walber Matt Stefanski	Milad Roohi Yiwen Dong	Jon Furlich	Gaetan Kerschen Nevzat Ozguven	
	4:30 p.m.	Paper 1	16511 Mayes	16818 Rexer	16569 Rohe	16688 Blanco	16592 Tulebekova	17181 Furlich Continued	16519 Pacini 16523 Zhou 16560 Ekinci 16611 Breunung 16635 Chan	
	4:50 p.m.	Paper 2	16962 Brunetti	16858 Di Francesco	16656 Davis	17086 Mende	16804 Rossi			
	5:10 p.m.	Paper 3	16655 Young	17076 Geutjens	16792 Kosir		16730 Will			
	5:30 p.m.	Paper 4	16751 Seymour	16714 Reymert	16796 Ocepek		17011 Bryan			
	5:50 p.m.	Paper 5	16752 Seymour				16857 Whelan			
	6:15-7:00 p.m.	Student Meet & Greet								
	7:00-8:30 p.m.	Welcome Reception in Exhibit Hall								

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	ROOM	Salon 8	Salon 9	Salon 10	Salon 11	Salon 12	Salon 13	Salon 14	
TUE	8:00-8:45 a.m.	Breakfast	DYNAMIC SUBSTRUCTURES	MVUQ	Technology Applications	Aircraft/Aero & Test	DYNAMICS OF CIVIL STRUCT	MODAL ANALYSIS	NONLINEAR STRUCT & SYS
		Session #	22	23	24	25	26	27	28
		Session Title	22. Round Robin Test Bed	23. Model Form Uncertainty incl. Round Robin Challenge	24. Technology Applications I	25. Aerospace II	26. Dynamics of Bridges and Rail	27. Testing Techniques	28. Data-driven Methods
		Organizer (if applies)		Roland Platz, Alana Lund			Bjorn Svendsen		
		Chair(s)	Dan Roettgen	Roland Platz	Chad Walber	Will Semke	Bjorn Svendsen	Jon Furlich	Alex Elliott
			Andreas Linderholt	Alana Lund	Matt Stefanski	Jim Akers	Anika Sarkar	Kaitlin Spak	Andrea Cammarano
	9:00 a.m.	Paper 1	16579 Linderholt	16938 Platz	16617 Robinson	16863 Stasiunas	16859 Avci	16528 Figueroa	17003 Worden (60 min)
	9:20 a.m.	Paper 2	16883 Brunetti	16881 Bandy	16736 Vitta	16652 Redmond	16819 Dederichs	16697 Vreys	
	9:40 a.m.	Paper 3	16998 Neal	16925 Xu	16700 Beljan	16676 Bhamidipati	17108 Villalobos Vega	16720 Peeters	
	10:00 a.m.	Paper 4	16780 Trainotti	17047 Kamarotis	17266 Westhora	16473 Kim	17060 Ida	17061 Schaal	
	10:20 a.m.	Paper 5	17128 van der Seijs	17098 Roohi	17484 Cox	16844 Shaffer	16778 Kvale	17066 Sharma	
	10:40 a.m.	Paper 6				16871 Kılıçarslan		16563 Bouma	
	11:00-11:30 a.m.	Coffee Break in Exhibit Hall							
	11:30 a.m.-12:30 p.m.	SAGE Publishing Young Engineer Lecture:							
	12:30-2:00 p.m.	TD Meetings: All attendees welcome! (Lunch included)							
			DYNAMIC SUBSTRUCTURES	MVUQ	Technology Applications	COMP VISION FOR STRUCT DYN	DYNAMICS OF CIVIL STRUCT	MODAL ANALYSIS	NONLINEAR STRUCT & SYS
		Session #	29	30	31	32	33	34	35
		Session Title	29. Transfer Path Analysis and Force Estimation	30. Recursive Bayesian System Identification	31. Technology Applications II	32. High-speed Camera Based EMA I	33. Human Structure Interaction	34. Modal Parameter Estimation	35. Joints - UQ Approaches
		Organizer (if applies)		Yashar Eftekhari Azam, El		Janko Slavič	Hae Young Noh, Fernand		
		Chair(s)	Maarten van der Seijs	Yashar Eftekhari Azam	Matt Stefanski	Janko Slavič	Hae Young Noh	Kevin Napolitano	Matthew Brake
			Steven Carter	Eleni Chatzi	Chad Walber	Alessandro Cattaneo	Fernando Moreu	William Fladung	
	2:00 p.m.	Paper 1	16985 Haynes	17028 Hao	17186 Andersen	16870 Wang	16682 Dong	16386 Napolitano	16556 Balaji
	2:20 p.m.	Paper 2	16447 Carter	16839 Vettori	17189 Dascotte	16701 Botto	16854 Lopes da Silva	17067 Smith	16576 Bhattu
	2:40 p.m.	Paper 3	16636 Ocepek	16945 Stoura	17259 Hay	16604 Green	16932 Wesolowsky	16725 Saccani	16835 Morsy
	3:00 p.m.	Paper 4	16807 Bianciardi	17088 Masanes	16565 Furlich	16554 Tomac			16983 Moldenhauer
	3:20 p.m.	Paper 5	16446 Carter	17121 Ortiz		16795 Slavic			16782 Mai
	3:40-4:40 p.m.	Dessert Break in Exhibit Hall							
			DYN ENVIRONMENTS TEST	MVUQ	DYNAMIC SUBSTRUCTURES	COMP VISION FOR STRUCT DYN	DYNAMICS OF CIVIL STRUCT	MODAL ANALYSIS	NONLINEAR STRUCT & SYS
		Session #	36	37	38	39	40	41	42
		Session Title	36. Environments Definition	37. Virtual Sensing & Realtime Monitoring	38. Interface Dynamics	39. High-speed Camera Based EMA II	40. Structural Vibration Mitigation and Control	41. Vibration Reduction	42. Joints I
		Organizer (if applies)		Scott Cogan, Garrison Fly		Janko Slavič	Scott Harvey, Nicholas W		
		Chair(s)	Pablo Tarazaga	Scott Cogan	Matt Allen	Daniel Rohe	Scott Harvey	Mike Mains	Christoph Schwingshack
					Marcus Behling	Alessandro Sabato	Nicholas Wierschem	Brandon Dilworth	
	4:40 p.m.	Paper 1	16467 Zapata	16609 Chadha	16775 Meyer	16518 Bottalico	16977 Walsh	16743 Meruane	16550 Brake
	5:00 p.m.	Paper 2	16507 Schoenherr	16997 Tronci	17084 Boelens	16586 Jiang	16866 Sarkar	17117 Silva-Navarro	16396 Porter
	5:20 p.m.	Paper 3	16898 Furlich	17095 Mehrjoo	16831 Puhwein	16644 Masmeijer	17032 Harvey	16928 Tempelman	16694 Bonney
	5:40 p.m.	Paper 4	16966 Zwink	17107 Teloli		16890 Occhipinti	17080 Downey	17106 Rogers	16646 Kuether
	6:00 p.m.	Paper 5	16425 Richardson	16601 Wu		16768 Krause	17120 Palacio-Betancur		16535 Allen
	6:20 p.m.	Paper 6		17050 McMurray					16971 Clawson
	6:45 p.m.	Recruiting Mixer?							

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WED	8:00-8:45 a.m.	Breakfast	DYN ENVIRONMENTS TEST	MVUQ	System ID	COMP VISION FOR STRUCT DYN	Rotating Machinery	MODAL ANALYSIS	NONLINEAR STRUCT & SYS
		Session #	43	44	45	46	47	48	49
		Session Title	43. Fixture Design I	44. Surrogate Modeling and Reduced Order Models	45. System Identification and Structural Health Monitoring	46. In Memory of David Ewins I	47. Rotating Machinery I	48. Damage Detection	49. Nonlinear Model Reduction I
		Organizer (if applies)		Zhen Hu, Kyle Neal		Dario Di Maio			
		Chair(s)	Cora Taylor	Zhen Hu	Robert Coppolino	Dario Di Maio	Jason Blough	Sourabh Sangle	Paolo Tiso
		Chair(s)	Tyler Schoenherr	Kyle Neal	Zhu Mao	Jip van Tiggelen	Brian Damiano		
	9:00 a.m.	Paper 1	16670 Perez	17151 Hu (40 min)	17043 Jian	16527 Di Maio	Blough 17017 (60 min)	16882 Wright	17126 Vizzaccaro (60 min)
	9:20 a.m.	Paper 2	16679 Jackson		16939 Coletti	16826 Schwingshackl		17039 Sowinski	
	9:40 a.m.	Paper 3	16740 Padilla	16888 Vega	16544 Floren	16721 Yuan		17069 Culla	
	10:00 a.m.	Paper 4	17056 Alvis	16495 Qian	16567 Kramer	17063 Banerjee		16733 Enshaeian	
	10:20 a.m.	Paper 5	16571 Zeng				17044 Sarikaya	16434 Virgin	16417 Topenot
	10:40-11:30 a.m.	Coffee Break in Exhibit Hall							
			DYN ENVIRONMENTS TEST	DATA SCIENCE	Finite Element Tech	COMP VISION FOR STRUCT DYN	Rotating Machinery	MODAL ANALYSIS	NONLINEAR STRUCT & SYS
		Session #	50	51	52	53	54	55	56
		Session Title	50. Fixture Design II	51. Applications of Machine Learning	45. Finite Element Techniques	53. Optical Systems for Rotating Structures	54. Rotating Machinery II	55. Damping	56. Nonlinear Model Reduction II
		Organizer (if applies)				Javad Baqersad			
		Chair(s)	Troy Skousen	Thomas Matarazzo	Jacquelyn Moore	Javad Baqersad	Brian Damiano	Jon Furlich	Alessandra Vizzaccaro
		Chair(s)	Alex Karlicek	Francois Hemez	Aimee Frame	Jayant Sirohi	Jason Blough	Luke Jermu	
	11:30 a.m.	Paper 1	16930 Skousen	16972 Myren	16805 Minervini		16426 Richardson	16702 Orlowitz	16737 Elliott
	11:50 a.m.	Paper 2	16868 Matthews	16732 Sadeghi Eshkevari	16891 Liang	16715 Baqersad (60 min)	16847 Ozcelik	16710 Tilmann	16711 Bettini
	12:10 p.m.	Paper 3	16608 Taylor	16919 Arroyo	17040 Carassale		17021 Chatelet	16816 Woehler	17111 Stein
	12:30 p.m.	Paper 4	16623 Van Karsen	16828 Tsialiamanis	17085 Deu	16540 Lyu		17074 Jonkeren	16456 Axås
	12:50 p.m.	Paper 5	16612 Taylor			16734 Green			
	1:10-2:40 p.m.	IMAC Awards Luncheon							
			DYN ENVIRONMENTS TEST	DATA SCIENCE	System ID	COMP VISION FOR STRUCT DYN	Bio	Basics of Modal Analysis	NONLINEAR STRUCT & SYS
		Session #	57	58	59	60	61	62	63
		Session Title	57. MIMO DET I	58. Machine Learning and Modeling of Structures	66. System Identification	60. DIC Applications	61. Biomedical Applications	62. Basics of Modal Analysis: Tutorials I	63. Nonlinear Model Reduction III
		Organizer (if applies)				Javad Baqersad			
		Chair(s)	John Schultze	Amir H Gandomi	Eric Little	Marc Eitner	Sheyda Davaria	Mike Mains	Matt Allen
		Chair(s)	Tyler Schoenherr	Zhu Mao	Cora Taylor	Bluejay Robinson			Drithi Shetty
	2:40 p.m.	Paper 1	16430 Behling	17020 Hughes	16552 Alajlouni	16850 Mastrodicasa	16561 Kist		16545 Mashayekhi
	3:00 p.m.	Paper 2	16599 Khan	16787 Avci	16786 Duarte	16921 Eitner	16531 Driscoll	17208 Hiatt (60 min)	16588 Bhattu
	3:20 p.m.	Paper 3	16625 Schultz	17116 Muthiah Ramakris	16869 Kılıçarslan	16994 Yang	16532 Driscoll		16722 Kubatschek
	3:40 p.m.	Paper 4	16884 Araújo	17127 Vizzaccaro	17094 Kosikova	17045 Sedlacek	16955 Murray	17209 Hiatt (40 min + 20 min)	16909 Ahi
	4:00 p.m.	Paper 5	16917 Lisy			16862 Collier	17000 Massi		16990 Haller
	4:20-5:00 p.m.	Coffee Break in Exhibit Hall							
			DYN ENVIRONMENTS TEST	DATA SCIENCE		COMP VISION FOR STRUCT DYN	NONLINEAR STRUCT & SYS	Basics of Modal Analysis	NONLINEAR STRUCT & SYS
		Session #	64	65		67	68	69	70
		Session Title	64. MIMO DET II	65. Structural Modelling and Condition Assessment		67. Optical System for Additive Manufacturing and Damage Detection	68. Joints II	62. Basics of Modal Analysis: Tutorials II	70. Control of Nonlinear Systems
		Organizer (if applies)				Pawel Malinowski			
		Chair(s)	Umberto Musella	Austin Downey		Pawel Malinowski	Matthew Brake	Mike Mains	Ludovic Renson
		Chair(s)	Ryan Schultz	Nikolaos Dervilis		David Mascarenas			
	5:00 p.m.	Paper 1	17110 Omid Soroor	17057 Moaveni		16637 Malinowski	16629 Shetty	18007 Hiatt con't (20min)	16738 Elliott
	5:20 p.m.	Paper 2	16568 Kramer	16693 Giagopoulos		16727 Mascarenas	16647 Kuether	17982 Richardson	16526 Renson
	5:40 p.m.	Paper 3	16463 Proner	17035 Yount		17113 Mostafavi Yazdi	16935 Taslicay	(40 min)	16572 Robbins
	6:00 p.m.	Paper 4	16673 Tomanek			16469 Kulkarni	16982 Ortiz		16541 Shen
		IMAC Social Event at Howl at the Moon (off-site)							

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		ROOM	Salon 8	Salon 9	Salon 10	Salon 11	Salon 12	Salon 13	Salon 14
THUR	8:00-8:45 a.m.	Breakfast	DYN ENVIRONMENTS TEST	DATA SCIENCE	Experimental Techniques	COMP VISION FOR STRUCT DYN	NONLINEAR STRUCT & SYS	Basics of Modal Analysis	NONLINEAR STRUCT & SYS
		Session #	71	72	73	74	75	76	77
		Session Title	71. Shaker DET	72. Physics Informed Machine Learning	73. Condition Monitoring & Damage Detection	74. In Memory of David Ewins II	75. Experimental Techniques for Nonlinear Systems	76. Basics of Modal Analysis: Tutorials III	77. Industrial Applications
		Organizer (if applies)		Austin Downey, Eleonora		Di Maio			
		Chair(s)	Peter Fickenwirth Julie Harvie	Austin Downey Eleonora Maria Tronci	Doug Osterholt	Di Maio Weidong Zhu	Richard Wiebe Ludovic Renson	Mike Mains	Benjamin Pacini Deborah Fowler
	9:00 a.m.	Paper 1	16760 Danforth	16944 Tronci	16620 Ngwangwa	16718 Zhu (40 min)	16455 Garcia Perez	17314 Palan (60 min)	16530 van Tiggelen
	9:20 a.m.	Paper 2	16794 Hruby	17081 Downey	16931 Brennan		17097 Roettgen		16669 Girven
	9:40 a.m.	Paper 3	16943 Matthews	16509 Najera	16802 Pavoni	16825 Puhwein	16915 Nasr	17802 Robinson (60 min)	16824 Naghizadeh
	10:00 a.m.	Paper 4	16803 Renner	16820 Dardeno	16573 Ngwangwa	16605 Sangle	17099 Thomas		16907 Taze
	10:20 a.m.	Paper 5	16675 Brown	16937 Hampel-Arias	17100 Alver	17051 Zhu			16516 Clark
	10:40 a.m.	Paper 6	16678 Brown	16687 Irawan		Reserved for Zhu if needed		16529 Cimpuiuru	
	11:00-11:30 a.m.	Coffee Break							
			DYN ENVIRONMENTS TEST		Experimental Techniques	COMP VISION FOR STRUCT DYN	NONLINEAR STRUCT & SYS	Basics of Modal Analysis	NONLINEAR STRUCT & SYS
		Session #	78		80	81	82	83	84
		Session Title	78. Transient DET		80. Qualification and Durability Testing	81. Computer Vision for Civil Applications and SHM	82. Numerical Methods	83. Basics of Modal Analysis: Tutorials IV	84. Applications
		Organizer (if applies)				Tengjiao Jiang, Alessandr			
		Chair(s)	David Soine Tyler Schoenherr		Tina Dardeno Kaitlin Spak	Tengjiao Jiang Necati Catbas	Robert Kuether Dane Quinn	Mike Mains	Keegan Moore Andrea Cammarano
	11:30 a.m.	Paper 1	16633 Kennedy		16464 Proner	16744 Luceadams	16842 Raze	TBA Sensor (60 min)	16677 Swan
	11:50 a.m.	Paper 2	16630 Kennedy		16521 Spak	16814 Lu	16774 Cheah		16517 Davis
	12:10 p.m.	Paper 3	16602 Turner		16753 McGuire	16896 Xu	16559 Bagheri		16606 Virgin
	12:30 p.m.	Paper 4	16766 Soine			17059 Alqurashi	16991 Gowdridge		16851 Tatzko
	12:50 p.m.	Paper 5	16389 Motamedi						16899 Mustafa
	1:10 AM	END							