

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	Greta Colford	Eric Stasiunas Kevin Napolitano	Kirk Grimmelsman Knut Andreas Kvale	Timothy Marinone Brandon Dilworth	Matthew Brake
	9:00 a.m.	Paper 1	16482 Rixen (40 min)	16968 Deonarain	16779 Fladung	16967 Martins	16749 Svendsen	17187 Walber/Blough (120 min)	16956 Tiso (60 min)
	9:20 a.m.	Paper 2		16791 Košir	16933 Mills	16973 Martins	17070 Luleci		16555 Willner
	9:40 a.m.	Paper 3	16607 Brøns	16442 Black	16950 Taslicay	16506 Inman	16833 Castro-Triguero		16504 Witteveen
	10:00 a.m.	Paper 4	16830 Rixen	16783 Cheng-Guajardo	16978 Shergill	16776 Semke	17124 De Luca		16500 Leamy
	10:20 a.m.	Paper 5	16893 Di Manno	16799 Kahveci	16838 Alver	16581 Akers	17054 Zambrano		
	10:40 a.m.	Paper 6	16640 Pogacar	17048 Raza	16987 Colford	16784 Panigrahi	16748 Svendsen		
	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. Joints
		Organizer (if applies)		Babak Moaveni, Costas P		Chad Walber		Marinone, Dilworth, Blou	
		Chair(s)	Daniel Rixen Jacopo Brunetti	Babak Moaveni Costas Papadimitriou	Brett Daniels	Chad Walber Matt Stefanski	Matthew Whelan Alejandro Palacio-Betanc	Mike Mains	Malte Krack
	2:00 p.m.	Paper 1		16658 Wagg	16897 Daniels	17016 Walber	17096 Duran	17197 Dilworth (80 min)	16550 Brake
	2:20 p.m.	Paper 2	17178 Ozguven (60 min)	16969 Georgalis	16900 Daniels	16659 Mains	16643 O'Higgins		16396 Porter
	2:40 p.m.	Paper 3		17058 Moaveni	16536 Bruetsch	16616 Jenkins	16974 Poole		16694 Bonney
	3:00 p.m.	Paper 4	16808 Kreutz	17122 Zhan	16668 Tiede	16965 Szary	16741 Kent		16646 Kuether
	3:20 p.m.	Paper 5	16502 Witteveen	16812 Kaszas		17015 Walber (40 min)	16984 Khoshkalam		16494 Marinone/Furlich
	3:40 p.m.	Paper 6	17027 Roettgen	16923 del Fresno Zarza			16848 Gothard		(60 min: 40 here + 20 in
	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. Joints - UQ Approaches
		Organizer (if applies)		Ibrahim Sever, Scott Oue	Janko Slavič	Chad Walber	Milad Roohi	Marinone, Dilworth, Blou	
		Chair(s)	John Seymour Francesco Trainotti	Ibrahim Sever Scott Ouellette	Janko Slavič Daniel Rohe	Chad Walber Matt Stefanski	Milad Roohi Yiwen Dong	Jon Furlich	Christoph Schwingshackl
	4:30 p.m.	Paper 1	16511 Mayes	16818 Rexer	16569 Rohe	16688 Blanco	16592 Tulebekova	17181 Marinone Continu	16556 Balaji
	4:50 p.m.	Paper 2	16962 Brunetti	16858 Di Francesco	16656 Davis	16716 Avcioglu	16804 Rossi	16657 Mains (80 min)	16576 Bhattu
	5:10 p.m.	Paper 3	16655 Young	17013 Dabbaghchian	16792 Kosir	16872 Boles	16730 Will		16835 Morsy
	5:30 p.m.	Paper 4	16751 Seymour	17076 Geutjens	16988 Talebi-Kalaleh	17086 Mende	17011 Bryan		16983 Moldenhauer
	5:50 p.m.	Paper 5	16752 Seymour	16714 Reymert	16796 Ocepek		16857 Whelan		16782 Mai
	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	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	all to come	16856 Stasiunas	16859 Avci	16528 Figueroa	17003 Worden (60 min)
	9:20 a.m.	Paper 2	16832 Pandiya	16881 Bandy		16863 Stasiunas	16819 Dederichs	16697 Vreys	
	9:40 a.m.	Paper 3	16883 Brunetti	16986 Wang		16652 Redmond	17108 Villalobos Vega	16720 Peeters	
	10:00 a.m.	Paper 4	16998 Neal	16925 Xu		16676 Bhamidipati	17060 Ida	17061 Schaal	
	10:20 a.m.	Paper 5	16780 Trainotti	17047 Kamariotis		16473 Kim	16823 Zakharenko	17066 Sharma	
	10:40 a.m.	Paper 6	17128 van der Seijs	17098 Roohi		16871 Kiliçarslan	16778 Kvale	17068 Sharma	
	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	32. High-speed Camera Based EMA I	33. Human Structure Interaction	34. Modal Parameter Estimation	35. Nonlinear System Identification I
		Organizer (if applies)	Maarten van der Seijs	Yashar Eftekhar Azam, Eleni Chatzi	Matt Stefanski	Janko Slavič	Hae Young Noh, Fernando Moreu	Kevin Napolitano	Kerschen/Ozguven
		Chair(s)	Steven Carter	Eleni Chatzi	Chad Walber	Alessandro Cattaneo	Fernando Moreu	William Fladung	Gaetan Kerschen
	2:00 p.m.	Paper 1	16985 Haynes	17028 Hao	all to come	16870 Wang	16682 Dong	16386 Napolitano	16519 Pacini
	2:20 p.m.	Paper 2	16447 Carter	16839 Vettori		16701 Botto	16854 Lopes da Silva	16653 Sahu	16523 Zhou
	2:40 p.m.	Paper 3	16636 Ocepek	16945 Stoura		16604 Green	16932 Wesolowsky	16963 Pfister	16560 Ekinci
	3:00 p.m.	Paper 4	16807 Bianciardi	17088 Masanes		16554 Tomac	16428 Saberi	17072 Steffensen	16611 Breunung
	3:20 p.m.	Paper 5	16446 Carter	17121 Ortiz		16795 Slavic		17067 Smith	16635 Chan
	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. Nonlinear System Identification II
		Organizer (if applies)	Pablo Tarazaga	Scott Cogan, Garrison Flynn	Matt Allen	Janko Slavič	Scott Harvey, Nicholas Wierschem	Mike Mains	Kerschen/Ozguven
		Chair(s)	Garrison Flynn	Marcus Behling	Alessandro Sabato	Daniel Rohe	Scott Harvey	Brandon Dilworth	Gaetan Kerschen
	4:40 p.m.	Paper 1	17091 Harvie	16609 Chadha	16775 Meyer	16518 Bottalico	17104 Guerrero Mosquera	16743 Meruane	16645 Martinelli
	5:00 p.m.	Paper 2	16467 Zapata	16997 Tronci	17084 Boelens	16586 Jiang	16977 Walsh	16785 Meruane	16770 López
	5:20 p.m.	Paper 3	16507 Schoenherr	17095 Mehrjoo	17103 Tonazzi	16644 Masmeijer	16866 Sarkar	17117 Silva-Navarro	16895 Spits
	5:40 p.m.	Paper 4	16898 Furlich	17107 Teloli	16886 Goyal	16853 Liang	17032 Harvey	16928 Tempelman	16809 Kosova
	6:00 p.m.	Paper 5	16966 Zwink	16601 Wu	16831 Puhwein	16890 Occhipinti	17080 Downey	16642 Sibille	17112 Stein
	6:20 p.m.	Paper 6		17050 McMurray	17010 Slimak	16976 Sun	17120 Palacio-Betancur		
	6:45 p.m.	Panel ?							

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		ROOM	Salon 8	Salon 9	Salon 10	Salon 11	Salon 12	Salon 13	Salon 14
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	52. 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	Zhen Hu	Robert Coppolino	Dario Di Maio	Dario Di Maio	Jason Blough	Sourabh Sangle
		Chair(s)	Cora Taylor	Zhen Hu	Robert Coppolino	Dario Di Maio	Jason Blough	Sourabh Sangle	Paolo Tiso
			Tyler Schoenherr	Kyle Neal	Zhu Mao	Jip van Tiggelen	Brian Damiano		
	9:00 a.m.	Paper 1	16670 Perez	17151 Hu (40 min)	16767 Raviolo	16527 Di Maio	Blough 17017 (60 min)	16574 Chang	17126 Vizzaccaro (60 min)
	9:20 a.m.	Paper 2	16679 Jackson		16992 Giannini	16826 Schwingshackl		16882 Wright	
	9:40 a.m.	Paper 3	16740 Padilla	16888 Vega	17043 Jian	16721 Yuan		17039 Sowinski	
	10:00 a.m.	Paper 4	17056 Alvis	16495 Qian	17065 Hassani	16889 Xu	17044 Sarikaya	17069 Culla	16538 Park
	10:20 a.m.	Paper 5	16624 De Clerck	16571 Zeng	16939 Coletti	17063 Banerjee	16660 Zwölfer		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. Modeling Techniques	56. Nonlinear Model Reduction II
		Organizer (if applies)				Javad Baqersad			
		Chair(s)	Troy Skousen	Thomas Matarazzo	Jacquelyn Moore	Javad Baqersad	Brian Damiano	Clay Jordan	Alessandra Vizzaccaro
			Alex Karlícek	Francois Hemez	Aimee Frame	Jayant Sirohi	Jason Blough		
	11:30 a.m.	Paper 1	16930 Skousen	16972 Myren	16805 Minervini	16715 Baqersad (60 min)	16426 Richardson	16709 Öztas	16737 Elliott
	11:50 a.m.	Paper 2	16868 Matthews	16732 Sadeghi Eshkevari	16891 Liang		16847 Ozcelik	16725 Saccani	16912 Ahi
	12:10 p.m.	Paper 3	16608 Taylor	16919 Arroyo	17040 Carassale		17021 Chatelet	16801 Kahveci	16711 Bettini
	12:30 p.m.	Paper 4	16623 Van Karsen	17093 Duthé	17062 Banerjee	16540 Lyu		16849 Taskiran	16960 Shetty
	12:50 p.m.	Paper 5	16612 Taylor	16828 Tsialiamanis	17085 Deu	16734 Green		16865 Wang	17111 Stein
	1:10-2:40 p.m.	IMAC Awards Luncheon							
			DYN ENVIRONMENTS TEST	DATA SCIENCE	System ID	COMP VISION FOR STRUCT DYN	Bio		NONLINEAR STRUCT & SYS
		Session #	57	58	59	60	61	62	63
		Session Title	57. MIMO DET I	58. Machine Learning and Modeling of Structures	59. Data Driven Methods & Kalman Filters	60. DIC Applications	61. Biomedical Applications I		63. Nonlinear Model Reduction III
		Organizer (if applies)				Javad Baqersad			
		Chair(s)	John Schultze	Amir H Gandomi	Brandon Zwink	Marc Eitner	Sheyda Davaria		Matt Allen
			Tyler Schoenherr	Zhu Mao	Cora Taylor	Bluejay Robinson			
	2:40 p.m.	Paper 1	16430 Behling	16879 Poole	16544 Floren	16850 Mastrodicasa	16561 Kist		16545 Mashayekhi
	3:00 p.m.	Paper 2	16599 Khan	17020 Hughes	16567 Kramer	16921 Eitner	16908 Mejia Cruz		16588 Bhattu
	3:20 p.m.	Paper 3	16625 Schultz	16781 Zhu	17002 Lin	16994 Yang	16531 Driscoll		16722 Kubatschek
	3:40 p.m.	Paper 4	16884 Araújo	16787 Avci	17036 Kalaoun	17045 Sedlacek	16532 Driscoll		16909 Ahi
	4:00 p.m.	Paper 5	16917 Lisy		17038 Mirfarah	16735 Silva	16534 Torres Rodriguez		16577 Mignolet
	4:20-5:00 p.m.	Coffee Break in Exhibit Hall							
			DYN ENVIRONMENTS TEST	DATA SCIENCE	System ID	COMP VISION FOR STRUCT DYN	Bio	MODAL ANALYSIS	NONLINEAR STRUCT & SYS
		Session #	64	65	66	67	68	69	70
		Session Title	64. MIMO DET II	65. Structural Modelling and Condition Assessment	66. System Identification	67. Optical System for Additive Manufacturing and Damage Detection	68. Biomedical Applications II	69. Damping	70. Control of Nonlinear Systems
		Organizer (if applies)				Pawel Malinowski			
		Chair(s)	Umberto Musella	Austin Downey	Ender Cigeroglu	Pawel Malinowski	Sheyda Davaria	Timothy Marinone	Ludovic Renson
			Ryan Schultz	Nikolaos Dervilis		David Mascarenas		Luke Jurmu	
	5:00 p.m.	Paper 1	17110 Omid Soroor	17041 Gandomi	16552 Alajlouni	16637 Malinowski	16771 Chorney	16702 Orlovitz	16738 Elliott
	5:20 p.m.	Paper 2	16568 Kramer	16800 Kamariotis	16786 Duarte	16690 Wandowski	16955 Murray	16710 Tilmann	16526 Renson
	5:40 p.m.	Paper 3	16463 Proner	17057 Moaveni	16869 Kılıçarslan	16727 Mascarenas	17000 Massi	16816 Woehler	16572 Robbins
	6:00 p.m.	Paper 4	16673 Tomanek	16471 Brennan	17094 Kosikova	17055 Bartlett		17074 Jonkeren	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	Basics of Modal Analysis	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		76. Modal Topics I	77. Industrial Applications
		Organizer (if applies)		Austin Downey, Eleonora		Di Maio			
		Chair(s)	Peter Fickenwirth	Austin Downey	Doug Osterholt	Di Maio		Eric Little	Benjamin Pacini
			Julie Harvie	Eleonora Maria Tronci		Weidong Zhu			Deborah Fowler
	9:00 a.m.	Paper 1	16684 Tilbrook	16944 Tronci	16817 Dardeno	16718 Zhu (40 min)		16434 Virgin	16530 van Tiggelen
	9:20 a.m.	Paper 2	16760 Danforth	17081 Downey	16620 Ngwangwa			16477 de Araujo Marques	16669 Girven
	9:40 a.m.	Paper 3	16794 Hruby	17012 Dabbaghchian	16931 Brennan	16825 Puhwein		16481 Jones	16824 Naghizadeh
	10:00 a.m.	Paper 4	16861 Musella	16654 Sadhu	16802 Pavoni	16605 Sangle		16497 Viala	16907 Taze
	10:20 a.m.	Paper 5	16943 Matthews	16509 Najera	16573 Ngwangwa	17105 Eitner		16563 Bouma	16874 Saunders
	10:40 a.m.	Paper 6	16803 Renner	16820 Dardeno	17100 Alver	Reserved for Zhu if needed		16733 Enshaeian	17075 Soleimani
	11:00-11:30 a.m.	Coffee Break							
			DYN ENVIRONMENTS TEST	DATA SCIENCE	Experimental Techniques	COMP VISION FOR STRUCT DYN	Basics of Modal Analysis	MODAL ANALYSIS	NONLINEAR STRUCT & SYS
		Session #	78	79	80	81	82	83	84
		Session Title	78. Transient DET	79. Data Science and Machine Learning	80. Qualification and Durability Testing	81. Computer Vision for Civil Applications and SHM		83. Modal Topics II	84. Applications
		Organizer (if applies)				Tengjiao Jiang, Alessandr			
		Chair(s)	David Soine	Eleonora Maria Tronci	Tina Dardeno	Tengjiao Jiang		Timothy Marinone	Keegan Moore
			Tyler Schoenherr	Vasilis Dertimanis	Kaitlin Spak	Necati Catbas			Andrea Cammarano
	11:30 a.m.	Paper 1	16633 Kennedy	17033 Yount	16464 Proner	16744 Luceadams		16789 Tao	16529 Cimpuiuru
	11:50 a.m.	Paper 2	16630 Kennedy	16957 Brennan	16521 Spak	16814 Lu		16906 Chowdhury	16677 Swan
	12:10 p.m.	Paper 3	16602 Turner	16806 Capiez-Lernout	16753 McGuire	16896 Xu		16979 Vasef	16517 Davis
	12:30 p.m.	Paper 4	16766 Soine	16937 Hampel-Arias		17059 Alqurashi		17106 Rogers	16606 Virgin
	12:50 p.m.	Paper 5	16632 Hower	16687 Irawan		16469 Kulkarni		17114 Jones	16851 Tatzko
	1:10-2:10 p.m.	Lunch on own							
			DYN ENVIRONMENTS TEST	DATA SCIENCE		COMP VISION FOR STRUCT DYN	Basics of Modal Analysis		NONLINEAR STRUCT & SYS
		Session #	85	86		88	89		91
		Session Title	85. DET Applications	86. Modelling and Computing		88. Integrated Optical and Numerical Methods and Advanced Techniques			91. Numerical Methods
		Organizer (if applies)				Javad Baqersad			
		Chair(s)	Glen Throneberry	Nikolaos Dervilis		Moisés Silva			Robert Kuether
			Jelena Paripovic	Zhu Mao		Jamal Mostafavi Yazdi			Dane Quinn
	2:10 p.m.	Paper 1	16674 Paripovic	17116 Muthiah Ramakris		16862 Collier			16842 Raze
	2:30 p.m.	Paper 2	16675 Brown	17127 Vizzaccaro		16875 Cosco			16918 Durmaz
	2:50 p.m.	Paper 3	16678 Brown	16533 Cross		17051 Zhu			16877 Saunders
	3:10 p.m.	Paper 4	16389 Motamedi	16693 Giagopoulos		16768 Krause			16821 Trainotti
	3:30 p.m.	Paper 5	16566 Portela	17035 Yount		17030 Baqersad			16774 Cheah
	3:50 p.m.	Paper 6	16425 Richardson			17113 Mostafavi Yazdi			16914 Durmaz