

2025 SEM Annual Conference Exposition on Experimental Applied Mechanics
SUBJECT TO CHANGE

	TIME	ACTIVITY	Executive AB 120 TH	Executive CD 114 TH	Milwaukee 100 TH	Gilpatrick 63 TH	Lakeshore A 72 TH	Lakeshore B 72 TH	Lakeshore C 72 TH	
MONDAY June 2	8:15-9:00 AM	Breakfast	Basics of ...	DBM	Comp	ISPC	DBM	BIO	Residual Stress	
	9:00-10:15 AM	Conference Kick-off & Springer/Nature Publishing Young Engineer Lecture:								
	10:15-10:40 AM	Coffee Break								
		Session #	1	2	3	4	5	6	7	
		Session Title	Basics of ...	Metals I	Composites Characterization and Modeling	Michael Sutton Int'l Student Paper Competition I	Brittle & Geomaterials	Biomechanics of Tissue	Residual Stress I (placeholder title)	
		Organizer (if applies)				Sponsored by Correlated Solutions, Inc.	Brett Williams			
		Chair 1 name & email	Kimberley Mac Donald	Trevor Fleck		Jon Rogers	Addis Kidane	Meg Grady		
		Chair 2 name & email	Leah Ginsberg	Behrad Koohbor			Mohamed Abbas	Jon Estrada		
	10:40 AM	Paper 1	to come	19730 Dulieu-Barton	to come		19103 Awd Allah	19401 Henak Keynote?	19793 Berfield	
	11:00 AM	Paper 2		19335 Song - Keynote?			19148 Pagliocca	19125 Abbas	19684 Bachus	19807 Moser
	11:20 AM	Paper 3		19402 Pittman			19357 Gerstein	19783 Gilbert	19778 Schmidt	19684 Bachus
	11:40 AM	Paper 4		19577 Faith Nahmad			19408 Kabari	19456 Bharadwaj	19433 Dieppa	19336 Patterson
	12:00 PM	Paper 5		19657 Joshi			19791 Gunnarsson	19741 Ravindran	19253 Benjamin	19534 Lambros
	12:20 PM	Paper 6		19669 Wanchoo				19828 Voorhees	19747 Davila-Montero	19786 Bunn
	12:40-1:40 PM	lunch on own								
		Session #	AAM and Comp 8	DBM 9	Comp 10	ISPC 11	DBM 12	BIO 13	Residual Stress & F&F 14	
		Session Title	AM of Composites	Metals II	Composite Joints and Bonds	Michael Sutton Int'l Student Paper Competition II	Shock I	High-rate Behavior of Biological and Biorelevant Materials	Residual Stress II (placeholder title)	
		Organizer (if applies)				Sponsored by Correlated Solutions, Inc.				
		Chair 1 name & email	Piyush Thakre	Suraj Ravindran		Jon Rogers	Helios Matos	Jon Estrada		
		Chair 2 name & email		Behrad Koohbor			Piyush Wanchoo	Sahar Afshari		
	1:40 PM	Paper 1	19275 Xu	19450 Ritter	19728 Chandarana	to come	19691 Neogi	19489 Resendiz	19418 Christison	
	2:00 PM	Paper 2	19360 Rahman	19377 Leggett	19582 Rentmeester		19288 Singh	19484 Bremer-Sai	19520 Bae	
	2:20 PM	Paper 3	19445 Bruck	19622 Haridas	19592 Sanghvi		19221 Winnard	19666 Abeid	19537 Robinson	
	2:40 PM	Paper 4	19521 Bae	19648 Syrlybayev	19689 Laux		19551 Gandhi	19514 Wang	19627 Ramian	
	3:00 PM	Paper 5	19076 Yu				19262 Reilly	19795 Chen		
	3:20-4:20 PM	Coffee Break in the Exposition								
		Session #	AAM 15	DBM 16	Comp 17	ISPC 18	Optical 19	BIO 20	Residual Stress 21	
		Session Title	Novel Processing Methods	Energetic Materials	Soft Composites	Michael Sutton Int'l Student Paper Competition III	DIC/DVC Applications and Challenges I	Mechanics and Morphogenesis of Multicellular Systems	Residual Stress III (placeholder title)	
		Organizer (if applies)				Sponsored by Correlated Solutions, Inc.				
		Chair 1 name & email	Pat Carrion	Tom Kosta	Mark Olima	Jon Rogers	Helena Jin	Jacob Notbohm		
		Chair 2 name & email	Nha Uyen Huynh	Trey Leonard			Phillip Reu	Alex McGhee		
	4:20 PM	Paper 1	19800 Prorok	19356 Doral	19318 Naraghi	to come	19493 Yang	19313 Kasza	Keynote?	
	4:40 PM	Paper 2	19792 Berfield	19767 Zuanetti	19587 Moronkeji		19658 Graham	19217 Ashok Kumar		
	5:00 PM	Paper 3	19135 Downard	19782 Gupta	19544 Yavas		19639 Arzoumanidis	19618 Spencer	19513 Prime	
	5:20 PM	Paper 4	19797 Prorok	19757 Talluru	19266 Tramell		19366 HILD	19259 Chen	19256 Stershic	
	5:40 PM	Paper 5	19285 Haridas	19758 Talluru			19529 Deb	19205 Pappalettera		
	6:15-7:15 PM	Student Meet-up								

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TUESDAY June 3	8:15-9:00 AM	Breakfast in the EXH Hall	AAM	DBM	Comp	F&F	Optical	BIO	Applications
		Session #	22	23	24	25	26	27	28
		Session Title	Novel Testing Methods I	Composites I	Composite Advances	3D Deformation & Failure I	Photoelasticity and Fringe Analysis	Cellular Biomechanics	Applied Research I
		Organizer (if applies)				Noell & Kolinski			Sarah Fischer
		Chair 1 name & email	Sean Eckstein	Helios Matos	Brad Lawrence	Philip Noell	Terry Chen	Karen Kasza	Paul Gloeckner
		Chair 2 name & email	Amanda Jones	Finnegan Wilson		John Kolinski	Motoharu Fujigaki	Elizabeth Bremer-Sai	Evan Breedlove
	9:00 AM	Paper 1	19426 Calvat	19708 Meyer	19147 Das	19651 Ivanoff	19570 Thomas Mathews		Miliotto (Keynote)
	9:20 AM	Paper 2	19690 Brodnik	19331 Jain	19421 Price	19594 Ticknor	19697 Brodmann	19915 Saif - Keynote	
	9:40 AM	Paper 3		19373 Turnage	19460 Westra	19471 Kolinski	19282 Ramaswamy	19177 Josvai	19246 Kramer
	10:00 AM	Paper 4		19470 Bhagoria			19343 Toledo Barrios	19351 Park	19258 Tayeb
	10:20-10:50 AM	Coffee Break in the Exposition							
	11:00 AM-12:00 PM	William M. Murray Lecture:							
	12:00-1:40 PM	TD Meetings & Light Lunch							
			AAM	DBM	Comp	Education	Optical	BIO	Tech App
		Session #	29	30	31	32	33	34	35
		Session Title	Process Monitoring of Advanced and Additive Manufacturing	Shock II	Multifunctional Composites	Active Learning in Mechanics	To Celebrate Prof. Fu-Pen Chiang's Retirement	Novel Techniques in Biomechanics and Mechanobiology	Technology Applications I
		Organizer (if applies)			Michael Keller	Kevin Hart			
		Chair 1 name & email	Thomas Ivanoff	Finnegan Wilson	Michael Keller	Kevin Hart	Wei-Chung Wang	Sarah Bentil	Trey Leonard
		Chair 2 name & email		Helios Matos		Leah Ginsberg	Eann Patterson	Enze Chen	Jacob Dodson
	1:40 PM	Paper 1	19674 de Boer	19389 Bonora	19751 Cebe	19856 Schaefer	INVITING F.P. Chiang	19749 McGhee	to come
	2:00 PM	Paper 2	19707 Zhang	19711 Mates	19755 Werner	19848 Sevier	19369 Wang	19273 Morita	
	2:20 PM	Paper 3	19462 Armstrong	19721 Kabadi	19764 Yilmaz	19868 Vyas	19154 Chu	19332 Araiza Canizales	
	2:40 PM	Paper 4	19422 Balta	19790 Aydelotte	19705 Olima	19844 Slaboch	19748 Yusim	19220 Saunders	
	3:00 PM	Paper 5		19390 Iannitti	19145 Schneider	19581 Hart	19354 Tippur	19199 Sarikaya	
	3:20-4:00 PM	Dessert Break in the Exposition							
			AAM	DBM	Comp	F&F	Optical	BIO	Tech App
		Session #	36	37	38	39	40	41	42
		Session Title	Novel Test Methods II	Composites II	Mechanics of Fibers and Inclusions	In situ Techniques I	DIC/DVC Applications and Challenges II	Biofilms and Fungi	Technology Applications II
		Organizer (if applies)			Frank Gardea	Siva Nadimpalli			
		Chair 1 name & email	Colin Loeffler	Drew Hackney	Frank Gardea	Siva Nadimpalli	Ming-Tzer Lin	Alex McGhee	Jacob Dodson
		Chair 2 name & email	Anushka Sarode	Helios Matos		Joseph Indeck	Helena Jin	Mauricio Araiza	Trey Leonard
	4:00 PM	Paper 1	19268 Furmanski	19663 Eckstein	19330 Doolin	19709 Alfadhli	19679 Reu	19405 Bay	to come
	4:20 PM	Paper 2	19612 Smith	19473 Bharadwaj	19716 Anderson	19706 Pakhare	19382 Swanson	19584 Anderson	
	4:40 PM	Paper 3	19644 Giuffre	19475 Kumar	19718 Naghi	19223 Sarker	19573 Biedenstein	19527 Croland	
	5:00 PM	Paper 4		19745 Ochilov	19725 Kottila Veedu	19591 Yochens	19500 Landauer	19562 Afshari	
	5:30-6:30 PM	Exciting new "panel!"							
	6:30-8:00 PM	President's Reception in the Exposition							

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WEDNESDAY June 4	8:15-9:00 AM	Breakfast	AAM	DBM	DBM	F&F	Optical	ISMAN	Applications
		Session #	43	44	45	46	47	48	49
		Session Title	Novel Structures and Designs	Standardization of Dynamic Testing	Novel Testing I	In situ Techniques II	DIC/DVC Methods I	Multiphysics and Multifunctional Materials I	Applied Research II
		<i>Organizer (if applies)</i>				Jay Carroll			Sarah Fischer
		<i>Chair 1 name & email</i>	Matt Swanson	Matt Shaeffer	Trey Leonard	Jay Carroll	Phillip Reu	Maarten de Boer	Evan Breedlove
		<i>Chair 2 name & email</i>	Nathan Heckman	Arezoo Zare	Nathan Spulak	Kaitlynn Fitzgerald	Jin Yang	Chenglin Wu	Isabella Jacobsen
	9:00 AM	Paper 1	19316 Naraghi	19383 Shaeffer	19569 Meredith	19803 Hoefnagels	19338 Patterson		19909 Gloeckner -
	9:20 AM	Paper 2	19457 Bharadwaj	19788 Breedlove	19732 Casem	19367 Lava	19557 Pomianek	19522 Zhao - Keynote	Keynote
	9:40 AM	Paper 3	19558 Furmanski	19236 Abbas	19516 Prime	19232 Elbrecht	19169 Winters	19580 Das	19894 Reid
	10:00 AM	Paper 4	19630 Severson	19495 Roginski	19771 Ramakumaresan	19568 Noell	19463 Tseng	19695 Balogun	19121 Zhao
	10:20-10:50 AM	Coffee Break in the Exposition							
		Session #	AAM	DBM	Time Dep	F&F	Optical	ISMAN	Inverse
			50	51	52	53	54	55	56
		Session Title	Process-Structure-Properties I	Impact & Penetration I	Data-driven and ML	Vibration and Cyclic Fatigue	DIC/DVC Applications and Challenges III	Multiphysics and Multifunctional Materials II	Virtual Fields Method
		<i>Organizer (if applies)</i>				Mehedi Mahfuz			
		<i>Chair 1 name & email</i>	Hammad Rehman	Brady Aydelotte	Hongbing Lu	Leah Ginsberg	Gordon Shaw	Rodrigo Bernal	Marco Rossi
		<i>Chair 2 name & email</i>	Pat Carrion	George Vankirk	Pavan Kolluru	Senorita Sarkar	Motoharu Fujigaki	Maarten de Boer	Elizabeth Jones
	10:50 AM	Paper 1	19589 Slager	19359 Shedge	19898 Bouklas -	19393 Heninger	19696 Hwang	19281 Kundu	19518 Considine
	11:10 AM	Paper 2	19230 LeBlanc	19396 Ceccacci	Keynote	19664 Indeck	19380 Türkoğlu	19323 Yao	19227 Jacobsen
	11:30 AM	Paper 3	19303 Chenwi	19404 Santacruz	19559 Upadhyay	19294 Mahfuz	19368 Walrath	19524 Grisbach	19260 Estrada
	11:50 AM	Paper 4	19593 Van Meter	19384 Callahan	19601 Kamath	19595 Wan Mohammad	19703 Tyley	19272 Cao	19480 Fourest
	12:10-2:30 PM	Awards Luncheon							
		Session #	AAM	DBM	Time Dep	F&F	Optical	ISMAN	Inverse
			57	58	59	60	61	62	63
		Session Title	Process-Structure-Properties II	Impact & Penetration II	Viscoelasticity I	Models and Experiments	DIC/DVC Methods II	Nanotribology	Inverse Methods for Plasticity
		<i>Organizer (if applies)</i>				Garrett Pataky			
		<i>Chair 1 name & email</i>	Nha Uyen Huynh	Brady Aydelotte	Moira Foster	Garrett Pataky	Gordon Shaw	Frank Del Rio	Johan Hoefnagels
		<i>Chair 2 name & email</i>	George Vankirk	Bonnie Antoun	Scott Gruitzik	Amanda Jones	Maarten de Boer	Marco Sasso	
	2:30 PM	Paper 1	19805 Scott-Emuakpor	19733 Gupta	19712 Masters	19781 Gupta	19766 Wagner	19625 Kirsch	19776 Rossi
	2:50 PM	Paper 2	19321 Alipour Aghdam	19727 Kornev	19491 Yuan	19409 Casias	19399 Jones	19083 Yu	19447 Imeri
	3:10 PM	Paper 3	19533 Rehman	19787 Morton	19650 Silberstein	19235 Fietek	19411 Tong	19886 Li	19293 Stinville
	3:30 PM	Paper 4		19494 Deng	19435 Patel	19410 Carroll	19646 Thiagu	19118 DelRio	19759 Utzeri
	3:50-4:20 PM	Coffee Break							
		Session #	Thermo	DBM	Time Dep	F&F	Optical	ISMAN	Inverse
			64	65	66	67	68	69	70
		Session Title	Thermomechanics	Quantitative Visualization	Viscoelasticity II	Damage and Failure	Optical Methods in Industrial Applications	Nanotribology and In-situ Methods	Machine Learning
		<i>Organizer (if applies)</i>	Rosa De Finis, Suhasini C			Joe Indeck			
		<i>Chair 1 name & email</i>	Janice Barton	Emily Pittman	Sadeq Malakooti	Joe Indeck	Chi Hung Hwang	Frank Del Rio	Charlotte Kramer
		<i>Chair 2 name & email</i>	Rosa De Finis	Vignesh Kannan	Hongbin Liu	Michael Schuster	Satoru Yoneyama	Chenglin Wu	Nathan Bechle
	4:20 PM	Paper 1	19459 Shiozawa	19784 Arrington	19270 Yang	19665 Mac Donald	19461 Yoneyama	19575 Lee	19183 Vintache
	4:40 PM	Paper 2	19206 De Finis	19794 Oliveira Luiz	19476 Singh	19290 Grutzik	19565 Iadicola	19631 Olanrewaju	19280 MacIsaac
	5:00 PM	Paper 3	19315 Gandhi	19413 Walter	19441 Antoun	19502 Santoro	19798 Zheng	19739 Shaw	19397 Morales
	5:20 PM	Paper 4	19504 De Finis	19414 Moy	19355 Hansen	19512 Manoharan	19388 Nevins	19599 Atale	19454 Arretche
	5:40 PM	Paper 5	19528 Calloch	19754 Oakley	19742 Krueger	19519 Pathak	19283 Seavers	19775 Hoefnagels	19430 Daly
	6:00 PM	paper 6	19530 Galiotti	19752 Jannotti	19556 Bek	19224 Fitzgerald	19371 Chen	19535 Bernal	

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THURSDAY									
June 5	8:15-9:00 AM	Breakfast	Thermo	DBM	Time Dep	F&F	Optical	ISMAN	Inverse
		Session #	71	72	73	74	75	76	77
		Session Title	Thermography-based NDE and Process Monitoring	Novel Testing II	Fracture and Damage	Damage and Failure	Interferometry & Photonic Methods on Experimental Mechanics	Nanomanufacturing and Nanocomposites	Optimal Experimental Design
		<i>Organizer (if applies)</i>	Rosa De Finis, Suhasini C			Scott Grutzik			
		<i>Chair 1 name & email</i>	Umberto Galiotti	Trey Leonard	Alireza Amirkhizi	Kimberly Mac Donald	Motoharu Fujigaki	Chenglin Wu	Nathan Bechle
		<i>Chair 2 name & email</i>	Suhasini Gururaja	Nathan Spulak	Jevan Furmanski		Chi Hung Hwang	Rodrigo Bernal	Michael MacIsaac
	9:00 AM	Paper 1	19138 Tighe	19361 Mitra	19753 Kolluru -	19277 Hower	19740 Shaw	19808 Yang	19300 Spencer
	9:20 AM	Paper 2	19440 Santoro	19645 Gilat	Keynote	19596 Carrion	19804 Ruiz-Cadalso	19159 Chen	19379 Serrurier-Replum
	9:40 AM	Paper 3	19699 Cappello	19693 Spulak	19671 Zhang	19768 Clark	19814 Ruiz-Cadalso	19362 Dharmadasa	19614 Gross
	10:00 AM	Paper 4	19714 Leung	19096 Williams	19394 Beckett	19240 O'Brien	19780 Itakura	19692 Panat - Keynote	19341 Jones
	10:20 AM	Paper 5		19610 Heckman	19720 Grutzik	19734 Rendon	19600 Goddard		19299 Fletcher
	10:40-11:10 AM	Coffee Break							
		Session #	Thermo	DBM	Time Dep	F&F	Optical	ISMAN	Inverse
		Session #	78	79	80	81	82	83	84
		Session Title	Thermomechanics	Novel Testing III	High Strain Rate Behavior	Brittle Material Failure	Advancement of Optical Methods I	MEMS	Identification for Anisotropic and Heterogeneous Materials
		<i>Organizer (if applies)</i>	Rosa De Finis, Suhasini C			Scott Grutzik			
		<i>Chair 1 name & email</i>	Sylvain Calloch	Nathan Spulak	Amy Engelbrecht-Wigg	Kimberly McDonald	Austin Giordano	Rodrigo Bernal	John Considine
		<i>Chair 2 name & email</i>	Suhasini Gururaja	Trey Leonard	Behrad Koohbor	Scott Grutzik		Maarten De Boer	Marco Rossi
	11:10 AM	Paper 1	19365 Rajic	19324 Resnick	19407 Faisal	19531 Moutou Pitti	19347 Amjad	19761 Anjum	19543 Sabbatini
	11:30 AM	Paper 2	19434 Pitarresi	19346 Portillo	19737 Amirkhizi	19536 Moutou Pitti	19777 Schmidt	19884 Gan	19438 Bean
	11:50 AM	Paper 3	19642 Di Carolo	19334 Loeffler	19374 Ilari	19276 Xu	19307 Hsieh	19811 Jaafar	19507 Bechle
	12:10 PM	Paper 4	19481 Zaeimi	19802 Habib	19539 Huynh	19482 Portemont	19701 Yang	19670 Islam	19417 Kulkarni
	12:30-1:30 PM	lunch on own							
		Session #	Thermo	DBM	Time Dep	F&F	Optical	ISMAN	Inverse
		Session #	85	86	87	88	89	90	91
		Session Title	Development and Applications of Novel Temperature Sensing	Low Impedance	Composites	Fracture and Fatigue of AMM and Composite	Advancement of Optical Methods II	1D and 2D Materials	Inverse Methods for Damage and Other Applications
		<i>Organizer (if applies)</i>	Rosa De Finis, Suhasini C			Garrett Pataky			
		<i>Chair 1 name & email</i>	Rachael Tighe	Andrew Matejunas	Amy Engelbrecht-Wigg	William LePaige	Gordon Shaw	Chenglin Wu	Mattia Utzeri
		<i>Chair 2 name & email</i>	Caroline Winters	Jennifer Jordan	Atik Faisal		Austin Giordano	Rodrigo Bernal	Charlotte Kramer
	1:30 PM	Paper 1	19762 Stang	19685 Jordan	19588 Sockalingam -	19243 Hazaveh	19801 de Oliveira	19680 Li	19497 Arrà
	1:50 PM	Paper 2	19328 Nassar	19750 Carpenter	Keynote	19546 Yavas	19477 Goren	19391 Cai	19479 Mo
	2:10 PM	Paper 3	19420 Bae	19452 Lawlor	19541 Mehrdad	19350 Nickerson	19702 Kimberley	19511 Maheswaran	19615 Bernal
	2:30 PM	Paper 4		19466 Javadzadeh	19676 Sheridan		19443 Dewanjee	19120 DelRio	
	2:50 PM	Paper 5		19675 Kephart	19567 Tayefeh Kazemi			19358 Zhang	
	3:10-3:30 PM	Coffee Break							
		Session #	Thermo	DBM	Time Dep			ISMAN	
		Session #	92	93	94	95	96	97	98
		Session Title	Data Fusion with Thermographic Techniques	Advanced Materials	Defects and Failure			1D and 2D Materials	
		<i>Organizer (if applies)</i>	Rosa De Finis, Suhasini C						
		<i>Chair 1 name & email</i>	Rachael Tighe		Richard Sheridan			Chenglin Wu	
		<i>Chair 2 name & email</i>	Rosa De Finis		Dumbari Kabari			Rodrigo Bernal	
	3:30 PM	Paper 1	19446 Jouan	19472 Alipanahi	19552 Borges			19885 Li	
	3:50 PM	Paper 2	19640 Hori	19744 Kannan	19602 Adab			19180 Zhang	
	4:10 PM	Paper 3	19678 Harrell	19550 Cooper	19572 Malakooti			19883 Gan	
	4:30 PM	Paper 4		19736 Shaji	19198 Foster				
	4:50 PM	Paper 5		19545 Cooper					