

# EMI2017-ic - Final Program

Sunday, 19 March 2017

JW Marriott Hotel Rio de Janeiro

	Lounge	Wayana 1	Ajuru
9:00			
10:00			Short Course
11:00			
12:00			
13:00			
14:00			
15:00		EMI Committee Meetings	Short Course
16:00	Registration		
17:00			

# EMI2017-ic - Final Program

Monday, 20 March 2017

## JW Marriott Hotel Rio de Janeiro

	Lounge	Wayana Ballroom	Javaé	Guajá	Copacabana 1	Copacabana 2	Kaimbé							
7:30	Registration													
8:00		Welcome address												
:15		Plenary Lecture: Simulation of Ductile Fracture with Applications to Seismic Design												
:30		Prof. Gregory Deierlein, Stanford University												
:45														
9:00														
:15	Coffee Break													
:30														
:45		<b>MS12</b>	MS06	<b>MS08</b>	MS05	MS04	MS11: paper 015							
10:00		Paper 045 (KN)	P. Sampaio (KN)	Paper 138 (KN)	Paper 005 (KN)	Paper 036 (KN)	Paper 031							
:15		Paper 003	Paper 004	Paper 006	Paper 051	Paper 147	Paper 032							
:30		Paper 033	Paper 010	Paper 023	Paper 165	Paper 146	Paper 130							
:45		Paper 042	Paper 011	Paper 057	Paper 263	Paper 153	Paper 134							
11:00		Paper 053	Paper 014	Paper 092	Paper 047	Paper 143	Paper 182							
:15		Paper 069		Paper 093	Paper 040	Paper 241								
:30	Lunch													
:45								Lunch						
12:00														
:15	Lunch													
:30								Lunch						
:45														
13:00		Plenary Lecture: A Multiscale Analytical and Experimental Approach to Shape Memory Alloys												
:15		Prof. Reginald DesRoches, Georgia Institute of Technology												
:30														
:45														
14:00		<b>MS12: paper 073</b>	MS06: paper 019	<b>MS08</b>	<b>MS13</b>	MS14: paper 013	MS04: paper 001							
:15		Paper 078	Paper 026	Paper 245 (KN)	E. Kuhl (KN)	Paper 016	Paper 020							
:30		Paper 088	Paper 030	Paper 094	Paper 058	Paper 018	Paper 119							
:45		Paper 149	Paper 039	Paper 095	Paper 071	Paper 024	Paper 142							
15:00		Paper 236	Paper 044	Paper 117	Paper 127	Paper 025	Paper 232							
:15			Paper 046	Paper 120		Paper 041	Paper 260							
:30				Paper 166		Paper 052								
:45														
	Refreshment Break													
16:00														
:15		MS05	MS06: paper 060	<b>MS08: paper 125</b>	<b>MS13: Paper084</b>	MS14: paper 070	MS11: paper 187							
:30		Paper 207 (KN)	Paper 067	Paper 172	Paper 160	Paper 064	Paper 196							
:45		Paper 037	Paper 072	Paper 176	Paper 247	Paper 065	Paper 240							
17:00		Paper 118	Paper 082	Paper 188	Paper 244	Paper 066	Paper 251							
:15		Paper 289	Paper 085	Paper 190	Paper 234	Paper 061								
:30		Paper 287	Paper 098	Paper 198	Paper 253	Paper 096								
:45				Paper 204		Paper 100								
18:00				Paper 038										
:15	Welcome													
:30														
:45														
19:00	Reception													
:15														
:30														
:45														

JW Marriott Hotel Rio de Janeiro

	Lounge	Wayana Ballroom	Javaé	Guajá	Copacabana 1	Copacabana 2	Kaimbé														
7:30	Registration																				
8:00		Plenary Lecture: Neuromechanics – Perspectives, Challenges, and Opportunities																			
:15		Prof. Ellen Kuhl, Stanford University																			
:30																					
:45																					
9:00	Coffee Break																				
:15																					
:30		MS01: paper 086	MS06: paper 102	MS03: paper 002	<b>MS17</b>	MS14: paper 101	MS05: paper 136														
:45		Paper 177	Paper 105	Paper 009	Paper 295 (KN)	Paper 103	Paper 151														
10:00		Paper 201	Paper 112	Paper 077	Paper 175	Paper 116	Paper 191														
:15		Paper 238	Paper 113	Paper 079	Paper 274	Paper 122	Paper 220														
:30		Paper 154	Paper 123	Paper 128	Paper 275	Paper 179	Paper 265														
:45		Paper 178	Paper 124	Paper 131	Paper 292	Paper 184															
11:00		Paper 091	Paper 129	Paper 137	Paper 293	Paper 197															
:15		Paper 214		Paper 140																	
:30	Lunch																				
:45								Lunch													
12:00															Lunch						
:15																					
:30	Lunch																				
:45								Lunch													
13:00															Plenary Lecture: Poro-Hyperelasticity: The Mechanics of Fluid-Saturated Soft Tissues						
:15															Prof. Patrick Selvadurai, McGill University						
:30																					
:45																					
14:00		MS01: paper 237	MS06: paper 139	<b>MS08</b>	MS14: paper 202	<b>MS18</b>															
:15		Paper 074	Paper 144	Paper 255 (KN)	Paper 215	Paper 257 (KN)															
:30		Paper 192	Paper 150	Paper 208	Paper 218	Paper 272															
:45		Paper 270	Paper 156	Paper 229	Paper 221	Paper 267															
15:00		Paper 043	Paper 157	Paper 266	Paper 226	Paper 256															
:15		Paper 242	Paper 209	Paper 281	Paper 233	Paper 243															
:30				Paper 246	Paper 264																
:45	Refreshment Break																				
16:00		MS01: paper 262	MS06: paper 210	MS03: paper 145	MS14: paper 283	MS18: Paper 273															
:15		Paper 059	Paper 212	Paper 158	Paper 288	Paper 109															
:30		Paper 050	Paper 225	Paper 159		Paper 291															
:45		Paper 034	Paper 249	Paper 164	MS15: paper 148	Paper 279															
17:00		Paper 035	Paper 250	Paper 193	Paper 161	Paper 280															
:15		Paper 259	Paper 254	Paper 227	Paper 199	Paper 075															
:30			Paper 276	Paper 231																	
:45				Paper 290																	
18:00	Banquet					Banquet															
:15																					
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19:00	Banquet					Banquet															
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:45	Banquet					Banquet															
20:00																					
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:30	Banquet					Banquet															
:45																					

# EMI2017-ic - Final Program

Wednesday, 22 March 2017

## JW Marriott Hotel Rio de Janeiro

	Lounge	Wayana Ballroom	Javaé	Guajá	Copacabana 1	Copacabana 2
7:30	Registration					
8:00 :15 :30 :45		Plenary Lecture: From Flapping Birds to Space Telescopes: the Modern Science of Origami Dr. Robert Lang				
9:00 :15	Coffee Break					
:30		MS02: paper 132	MS06: paper 285	MS16: paper 080	MS10	MS18: Paper 224
:45		Paper 203	Paper 012	Paper 081	Paper 286 (KN)	Paper 211
10:00		Paper 205	Paper 126	Paper 083	Paper 282	Paper 076
:15		Paper 228	Paper 168	Paper 089	Paper 278	Paper 252
:30		Paper 235	Paper 174	Paper 090	Paper 271	Paper 261
:45		Paper 163	Paper 216	Paper 115		Paper 258
11:00		Paper 183		Paper 173		
:15 :30 :45	Lunch					
12:00						
:15 :30 :45						
13:00 :15 :30 :45		Plenary Lecture: On the Topology Optimization of Laminar Flow Machine Design Prof. Emilio Silva, USP, Brazil				
14:00		MS19: paper 027	MS07: paper 029	MS16: paper 181	MS10	MS09: paper 048
:15		Paper 133	Paper 054	Paper 200	Paper 135 (KN)	Paper 049
:30		Paper 097	Paper 121	Paper 217	Paper 248	Paper 294
:45		Paper 141	Paper 206	Paper 230	Paper 114	Paper 110
15:00		Paper 186	Paper 268			Paper 170
:15		Paper 219	Paper 269			
:30			Paper 189			
:45						