

**Program for ICF15, June 11-16, 2023  
Atlanta, Georgia, USA**

Time	Monday, June 12								
7:00 – 8:00	Registration Desk Open 7:00-17:00								
8:00 – 8:30	Conference Opening Session <b>Plenary Session P1</b> ICF Opening Honor Lecture: <i>David McDowell</i> Plenary Lecture: <i>Subra Suresh</i>								
8:30 – 10:00									
10:00 – 10:30	Coffee Break								
10:30 – 12:30 <b>Parallel Session M1</b>	Symposium 1: Ductile Fracture Under Complex Loading	Symposium 2: JoDean Morrow and Paul Paris Memorial Symposium on Fatigue and Fracture	Symposium 3: Fracture emissions in Structural and Seismic Monitoring	Symposium 13: Failure Mechanisms in Advanced Materials and Structures	Symposium 14: Probabilistic Aspects of Fatigue Crack Growth and Fracture: Frameworks, Tools, and Applications		Symposium 19: Failure Analysis and Prevention		Symposium 21: Fracture in Polymer-based Materials: Structure-Property Relationships
12:30 – 14:00	Lunch Break								
14:00 – 16:00 <b>Parallel Session M2</b>	Symposium 1: Ductile Fracture Under Complex Loading	Symposium 2: JoDean Morrow and Paul Paris Memorial Symposium on Fatigue and Fracture	Symposium 3: Fracture emissions in Structural and Seismic Monitoring	Symposium 13: Failure Mechanisms in Advanced Materials and Structures	Symposium 14: Probabilistic Aspects of Fatigue Crack Growth and Fracture: Frameworks, Tools, and Applications		Symposium 19: Failure Analysis and Prevention	Symposium 20: Materials Data in Assessment of Components Operating in Extreme Environments	Symposium 21: Fracture in Polymer-based Materials: Structure-Property Relationships
16:00 – 16:30	Coffee Break								
16:30 – 18:00 <b>Parallel Session M3</b>		Symposium 2: JoDean Morrow and Paul Paris Memorial Symposium on Fatigue and Fracture	Symposium 3: Fracture emissions in Structural and Seismic Monitoring	Symposium 13: Failure Mechanisms in Advanced Materials and Structures	Symposium 14: Probabilistic Aspects of Fatigue Crack Growth and Fracture: Frameworks, Tools, and Applications	Symposium 16: Residual Stress in Fatigue and Fracture		Symposium 20: Materials Data in Assessment of Components Operating in Extreme Environments	
18:00 – 19:00	Exhibition Opens								
19:00 – 20:00	ICF Executive Committee Meeting								
20:00 – 21:30									

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Time	Tuesday, June 13									
7:00 – 8:00	<b>Registration Desk Open 7:00-17:00</b>									
8:00 – 8:30										
8:30 – 10:00	<b>Plenary Session P2</b> Plenary Lectures: <i>David Wilkinson</i> <i>William Curtin</i>									
10:00 – 10:30	<b>Coffee Break</b>									
10:30 – 12:30 <b>Parallel Session Tu1</b>	Symposium 1: Ductile Fracture Under Complex Loading	Symposium 2: JoDean Morrow and Paul Paris Memorial Symposium on Fatigue and Fracture	Symposium 5: Hydrogen Embrittlement and Environmentally Assisted Cracking	Symposium 8: Beyond Similitude: Role of Multiscale Heterogeneity in Fracture Prognosis	Symposium 9: Fatigue and Fracture of Additively Manufactured Materials	Symposium 11: Finite Fracture Mechanics: Theoretical Aspects, Numerical Procedures, and Experimental Applications	Symposium 13: Failure Mechanisms in Advanced Materials and Structures	Symposium 16: Residual Stress in Fatigue and Fracture	Symposium 21: Fracture in Polymer-based Materials: Structure-Property Relationships	
12:30 – 14:00	<b>Lunch Break</b>									
14:00 – 16:00 <b>Parallel Session Tu2</b>	Symposium 1: Ductile Fracture Under Complex Loading	Symposium 2: JoDean Morrow and Paul Paris Memorial Symposium on Fatigue and Fracture	Symposium 5: Hydrogen Embrittlement and Environmentally Assisted Cracking	Symposium 8: Beyond Similitude: Role of Multiscale Heterogeneity in Fracture Prognosis	Symposium 9: Fatigue and Fracture of Additively Manufactured Materials	Symposium 11: Finite Fracture Mechanics: Theoretical Aspects, Numerical Procedures, and Experimental Applications		Symposium 16: Residual Stress in Fatigue and Fracture	Symposium 21: Fracture in Polymer-based Materials: Structure-Property Relationships	
16:00 – 16:30	<b>Coffee Break</b>									
16:30 – 18:00	<b>Plenary Session P3</b> Plenary Lectures: <i>Huseyin Sehitoglu</i> <i>Norman Fleck</i>									
18:00 – 19:00	<b>Poster Session</b> (Exhibiton Open)									
19:00 – 20:00	<b>Memorial Session</b> (T. Yokobori, D. Taplin, J. Knott, and R. Goldstein)									
20:00 – 21:30										

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Time	Wednesday, June 14										
7:00 – 8:00	Registration Desk Open 7:00-17:00										
8:00 – 8:30											
8:30 – 10:00	<b>Plenary Session P4</b> Presidential Lecture: <i>Robert McMeeking</i> Plenary Lecture: <i>Tong-Yi Zhang</i>										
10:00 – 10:30	Coffee Break										
10:30 – 12:30 <b>Parallel Session W1</b>	Symposium 1: Ductile Fracture Under Complex Loading	Symposium 2: JoDean Morrow and Paul Paris Memorial Symposium on Fatigue and Fracture	Symposium 5: Hydrogen Embrittlement and Environmentally Assisted Cracking		Symposium 7: Fracture in Large Scale Metallic Infrastructure: Advances, Challenges, and Opportunities	Symposium 8: Beyond Similitude: Role of Multiscale Heterogeneity in Fracture Prognosis	Symposium 9: Fatigue and Fracture of Additively Manufactured Materials		Symposium 11: Finite Fracture Mechanics: Theoretical Aspects, Numerical Procedures, and Experimental Applications	Symposium 15: Advanced Computational Methods in Fracture	
12:30 – 14:00	Lunch Break										
14:00 – 16:00 <b>Parallel Session W2</b>			Symposium 5: Hydrogen Embrittlement and Environmentally Assisted Cracking	Symposium 6: Microstructures and Fracture in Advanced Materials	Symposium 7: Fracture in Large Scale Metallic Infrastructure: Advances, Challenges, and Opportunities	Symposium 8: Beyond Similitude: Role of Multiscale Heterogeneity in Fracture Prognosis	Symposium 9: Fatigue and Fracture of Additively Manufactured Materials		Symposium 11: Finite Fracture Mechanics: Theoretical Aspects, Numerical Procedures, and Experimental Applications	Symposium 15: Advanced Computational Methods in Fracture	Symposium 17: Damage, Fracture, and Fatigue of Composites
16:00 – 16:30	Coffee Break										
16:30 – 18:00 <b>Parallel Session W3</b>			Symposium 5: Hydrogen Embrittlement and Environmentally Assisted Cracking	Symposium 6: Microstructures and Fracture in Advanced Materials	Symposium 7: Fracture in Large Scale Metallic Infrastructure: Advances, Challenges, and Opportunities			Symposium 10: Small Scale Specimen Testing		Symposium 15: Advanced Computational Methods in Fracture	Symposium 17: Damage, Fracture, and Fatigue of Composites
18:00 – 19:00	NSF Mixer (Posters & Exhibiton Open)										
19:00 – 20:00	ICF Council Meeting										
20:00 – 21:30											

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Time	Thursday, June 15									
7:00 – 8:00	<b>Registration Desk Open 7:00-17:00</b>									
8:00 – 8:30										
8:30 – 10:00	<b>Plenary Session P5</b> Plenary Lectures: A.T. Yokobori Claudio Ruggieri									
10:00 – 10:30	<b>Coffee Break</b>									
10:30 – 12:30 <b>Parallel Session Th1</b>	Symposium 4: Brittle Fracture: 100 years After Publication of Griffith's Theory	Symposium 6: Microstructures and Fracture in Advanced Materials	Symposium 7: Fracture in Large Scale Metallic Infrastructure: Advances, Challenges, and Opportunities	Symposium 9: Fatigue and Fracture of Additively Manufactured Materials	Symposium 10: Small Scale Specimen Testing	Symposium 12: Phase-Field Models of Fracture	Symposium 15: Advanced Computational Methods in Fracture		Symposium 18: Mechanical Behavior in Nuclear Materials	
12:30 – 14:00	<b>Lunch Break</b>									
14:00 – 16:00 <b>Parallel Session Th2</b>	Symposium 4: Brittle Fracture: 100 years After Publication of Griffith's Theory	Symposium 6: Microstructures and Fracture in Advanced Materials	Symposium 7: Fracture in Large Scale Metallic Infrastructure: Advances, Challenges, and Opportunities	Symposium 9: Fatigue and Fracture of Additively Manufactured Materials	Symposium 10: Small Scale Specimen Testing	Symposium 12: Phase-Field Models of Fracture	Symposium 15: Advanced Computational Methods in Fracture	Symposium 17: Damage, Fracture, and Fatigue of Composites	Symposium 18: Mechanical Behavior in Nuclear Materials	
16:00 – 16:30	<b>Coffee Break</b>									
16:30 – 18:00 <b>Parallel Session Th3</b>	Symposium 4: Brittle Fracture: 100 years After Publication of Griffith's Theory	Symposium 6: Microstructures and Fracture in Advanced Materials	Symposium 7: Fracture in Large Scale Metallic Infrastructure: Advances, Challenges, and Opportunities		Symposium 10: Small Scale Specimen Testing			Symposium 17: Damage, Fracture, and Fatigue of Composites	Symposium 18: Mechanical Behavior in Nuclear Materials	
18:00 – 19:00	<b>Exhibition Closes</b>									
19:00 – 20:00										
20:00 – 21:30	<b>Conference Banquet</b> Admission ticket required									

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Time	Friday, June 16									
7:00 – 8:00										
8:00 – 8:30										
8:30 – 10:00	<p align="center"><b>Plenary Session P6</b> Plenary Lectures: Sylvie Pommier R. Narasimhan</p>									
10:00 – 10:30	<p align="center"><b>Coffee Break</b></p>									
10:30 – 12:30 <b>Parallel Session F1</b>	Symposium 4: Brittle Fracture: 100 years After Publication of Griffith's Theory	Symposium 6: Microstructures and Fracture in Advanced Materials		Symposium 9: Fatigue and Fracture of Additively Manufactured Materials	Symposium 10: Small Scale Specimen Testing	Symposium 12: Phase-Field Models of Fracture		Symposium 17: Damage, Fracture, and Fatigue of Composites	Symposium 18: Mechanical Behavior in Nuclear Materials	
12:30 – 14:00	<p align="center"><b>Lunch Break</b></p>									
14:00 – 16:00	<p align="center">Conference Closing Session <b>Plenary Session P7</b> ICF Closing Honor Lecture: Robert O. Ritchie  Conference Ends</p>									
16:00 – 16:30										
16:30 – 18:00										
18:00 – 19:00										
19:00 – 20:00										
20:00 – 21:30										