

ICF15 - Symposia for Parallel Sessions

Number	Title	Organizers	Sessions	Room
1	Ductile Fracture Under Complex Loading	David Wilkinson, Thomas Pardoen, and Amine Benzerga	M1, M2, Tu1, Tu2, W1	Grand Ballroom A
2	JoDean Morrow and Paul Paris Memorial Symposium on Fatigue and Fracture	Huseyin Sehitoglu, Petros Sofronis, Carmine Maletta, and John Landes	M1, M2, M3, Tu1,Tu2, W1	Grand Ballroom B
3	Fracto-emissions in Structural and Seismic Monitoring	Alberto Carpinteri and Giuseppe Lacidogna	M1, M2, M3	Grand Ballroom C
4	Brittle Fracture: 100 years After Publication of Griffith's Theory	Claudio Ruggieri and Laszlo Toth	Th1, Th2, Th3, F1	Grand Ballroom C
5	Hydrogen Embrittlement and Environmentally Assisted Cracking	Jesus Toribio, Chris San Marchi, and Joseph Ronevich	Tu1, Tu2, W1, W2, W3	Grand Ballroom C
6	Microstructures and Fracture in Advanced Materials	Tong-Yi Zhang, Chad Landis, Weiqiu Chen, Ralf Müller, and Jie Wang	W2, W3, Th1, Th2, Th3, F1	Grand Ballroom A
7	Fracture in Large Scale Metallic Infrastructure: Advances, Challenges, and Opportunities	Amit Kanvinde and Xudong Qian	W1, W2, W3, Th1, Th2, Th3	Dogwood A
8	Beyond Similitude: Role of Multiscale Heterogeneity in Fracture Prognosis	Ashley Spear and Gustavo Castelluccio	Tu1, Tu2, W1, W2	Walnut
9	Fatigue and Fracture of Additively Manufactured Materials	Bo Chen, Nagaraja Iyer, and Filippo Berto	Tu1, Tu2, W1, W2, Th1, Th2, F1	Grand Ballroom E
10	Small Scale Specimen Testing	V. Jayaram, Raghu V. Prakash, N Jaya Baliia, Robert Lancaster, Bernd Gludovatz, and Dan Gianola	W3, Th1, Th2, Th3, F1	Grand Ballroom B
11	Finite Fracture Mechanics: Theoretical Aspects, Numerical Procedures, and Experimental Applications	Vladislav Mantič, Pietro Cornetti, Dominique Leguillon and Pedro Camanho	Tu1, Tu2, W1, W2	Dogwood B
12	Phase-Field Models of Fracture	Israel Garcia, Fabian Welschinger, and Vladislav Mantič	Th1, Th2, F1	Dogwood B
13	Failure Mechanisms in Advanced Materials and Structures	Zengtao Chen, Minghao Zhao, Cunfa Gao, and Stathis E. Theotokoglou	M1, M2, M3, Tu1	Dogwood A
14	Probabilistic Aspects of Fatigue Crack Growth and Fracture: Frameworks, Tools, and Applications	R. Craig McClung, James C. Sobotka, and Kai Kadau	M1, M2, M3	Dogwood B
15	Advanced Computational Methods in Fracture	P.R. Budarapu, M.K. Pandit, A.K. Pradhan, S. Natarajan, T. Rabczuk	W1, W2, W3, Th1, Th2	Hickory
16	Residual Stress in Fatigue and Fracture	Thomas J. Spradlin, Michael R. Hill, and Dale L. Ball	M3, Tu1, Tu2	Hickory
17	Damage, Fracture, and Fatigue of Composites	Raj Das and Rhys Jones	W2, W3, Th2, Th3, F1	Chestnut
18	Mechanical Behavior in Nuclear Materials	Dong Liu and Robert O. Ritchie	Th1, Th2, Th3, F1	Walnut
19	Failure Analysis and Prevention	Donato Firrao, Erik Mueller, and Pierre Dupont	M1, M2	Chestnut
20	Materials Data in Assessment of Components Operating in Extreme Environments	Jonathan Parker and Mike Gagliano	M2, M3	Walnut
21	Fracture in Polymer-based Materials: Structure-Property Relationships	Francesco Baldi, Alicia Salazar, Luca Andena	M1, M2, Tu1, Tu2	Hazelnut