

Conference Organizers

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Location

The conference will take place in downtown Atlanta, the heart of the 9th largest metro area in the United States. Atlanta has flights offering non-stop service to more than 150 U.S. destinations and 60 international destinations and boasts many world-class attractions, making it the 7th most visited city in the U.S. The conference will be hosted at the Omni Hotel and the Georgia World Congress Center. Low cost housing will also be available in nearby Georgia Tech dormitories.

General Information

Founded in 1965, the International Congress on Fracture is one of the premier international bodies promoting worldwide cooperation among scientists and engineers dealing with mechanics and mechanisms of fracture and strength of solids. The conference is held every four years, and ICF15 will be returning to the continental United States after 32 years.

This conference will focus on the latest interdisciplinary research in the field of fracture and is a must attend event for senior and young researchers, students, post-doctoral fellows, and industry professionals working in the field of fracture throughout the world.

Authors will have the option to submit short papers to be included in the proceedings of the conference or full length papers for publication in special issues of one of several established journals in the field by special arrangements.

ICF15

www.icf15.org

**15th International
Conference on
Fracture
Atlanta, Georgia,
USA**

June 13-18, 2021



**International Congress
on Fracture**

<http://www.icfweb.org>



Conference Topics

- Fracture & fatigue of advanced materials
- Failure mechanisms
- Fracture & fatigue of MEMS and NEMS
- Failure of nanodevices
- Fracture at atomistic & molecular scale
- Fracture & fatigue of thin films
- Failure of nanocomposites
- Physics of fracture
- Brittle fracture
- Ductile fracture
- High temperature creep fracture
- Fretting fatigue
- Thermal-mechanical fatigue
- Stress corrosion & corrosion fatigue
- Environment assisted fracture
- Fracture in ceramics
- Fracture in polymers
- Test methods in fracture
- Nonlinear & linear fracture mechanics
- Computational fracture mechanics
- Nondestructive testing for fracture prevention
- Fracture in biological materials
- Cracks in geological systems
- Mixed mode fracture
- Structural integrity assessments
- Probabilistic fracture mechanics
- Smart materials & structures
- Fracture in structural foams
- Dynamic & high strain rate fracture
- Fracture in weldments
- Damage mechanics



Call for Symposia

The ICF15 program can accommodate up to 20 symposia. Select papers from the symposia will be published in special volumes of international journals with the symposium organizers serving as guest editors.

Researchers who wish to organize symposia for the conference's technical program should submit a two page proposal listing the significance of the topic, number of anticipated papers, and names of likely participants. Proposals are due by June 30, 2019 via email to icf15@gatech.edu



Key Dates

June 30, 2019:

Symposium proposal submission deadline

June 30, 2020:

Abstract for oral presentation submission deadline

March 31, 2021:

Deadline for early conference registration

April 30, 2021:

Deadline for submission of full papers for publication in special issues of archived journals (optional)

June 13-18, 2021:

ICF15 in Atlanta, GA

ICF15

Presented by

