History of the NT2F Conference

The NT2F Conference was founded by the Laboratoire de Fiabilité de Mécanique (LMF) of the Metz University, France in 2000. Through the years, the purpose of this conference has been to stablish the philosophy to analyze the trends on fatigue, fracture and structural integrity from scientific and technical understandings. Since 2001, the NT2F Conference has been carried out successfully on 21 editions, as shown below. This occasion the NT2F27 will be held in Mexico City, México.

NT2F1 Metz, France. *April 2001.*
NT2F2 Hammamet, Tunisia. *May 2003.*
NT2F3 Ningho, China. *November 2003.*
NT2F4 Aleppo, Syria. *May 2004.*
NT2F5 Bari, Italy. *May 2005.*
NT2F6 Kranj, Slovenia. *May 2006.*
NT2F7 Miskolc, Hungary. *May 2007.*
NT2F8 Ankaran, Slovenia. *October 2008.*
NT2F9 Belgrade, Serbia. *October 2009.*
NT2F10 Metz, France. *August 2010.*
NT2F11 Polignano a Mare Bari, Italy. *July 2011.*
NT2F12 Brasov, Romania. *May 2012.*
NT2F13 Moscow, Russia. *May 2013.*
NT2F14 Belgrade, Serbia. *September 2014.*
NT2F15 Oran, Algeria. *October 2015.*
NT2F16 Dubrovnik, Croatia. *May 2016.*
NT2F17 Cancún, Mexico. *October 2017.*
NT2F18 Lisbon, Portugal. *July 2018.*
NT2F19 Tucson, USA. *October 2019.*
NT2F24 Bari, Italy. *May 2024.*
NT2F25 Lille, France. *July 2025.*

MEXICO

Ciencia y Tecnología
Secretaría de Ciencia, Humanidades, Tecnología e Innovación

Instituto Politécnico Nacional
"La Técnica al Servicio de la Patria"

Centro de Investigación e Innovación Tecnológica

NT2F27

22 ND INTERNATIONAL CONFERENCE ON
NEW TRENDS IN FATIGUE AND FRACTURE

CD. MEXICO, APRIL 13 - 15, 2027

Welcome Message

Dear colleagues
On behalf of the Organizing and Scientific Committees, we are pleased to invite you to the 22nd International Conference on New Trends in Fatigue and Fracture (NT2F27), to be held in Mexico City, Mexico, from 13 to 15 April 2027. The NT2F Conference is one of the major conferences on fatigue, fracture, and structural integrity. Since 2001, the conference has been successfully carried out, in 21 ocassions around the world. This year, the NT2F27 will be organized for a second time in Mexico.

The objective of the NT2F27 conference is to bring together scientists and engineers to study, analyze, predict and assess the fatigue and fracture of structural materials and components. The NT2F27 will be organized in five mayor symposia, to include:

S1. Fatigue and fracture of structures and advanced materials

S2. Fatigue and fracture in pressure vessels and pipelines

S3. Mechanical behavior and structural integrity of welded, bonded and bolted joints

S4. Residual stresses and environmental effects on fatigue behavior

S5. Simulation, analytical and computational methods in fatigue and fracture

Registration

www.ciitec.ipn.mx/nt2f27/

NT2F27 would be an excellent opportunity to exchange ideas and get acquainted with the state of the art on fatigue and fracture mechanics, and to promote cooperation among scientists and experts from university, industry and government. Mexico City, founded as the Aztec capital Tenochtitlan in 1325, is the oldest capital in the Americas, built on islands in the Lake of Texcoco. Today is a massive cultural and economic hub. Mexico City is located at the center of the country which makes it readily accessible to some of the most important Aztec or Mexica archaeological sites nearby. Mexico City is easily accessible from almost anywhere in the world. There are direct flights from Europe and Asia.

Organizing Committee