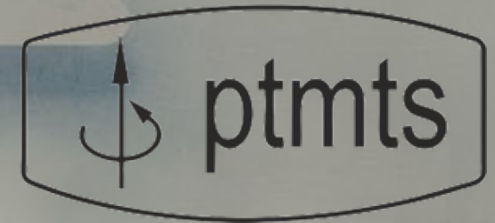


ANNOUNCEMENT

II



XIX NATIONAL CONFERENCE ON FRACTURE MECHANICS

20 - 22.09.2023
WROCLAW

HONORARY PATRONAGE

Rector of the Wrocław University
of Science and Technology of Wrocław
Prof. Arkadiusz WÓJS

Dean of the Faculty
of Mechanical Engineering
Prof. Celina PEZOWICZ

ORGANIZERS



Politechnika Wroclawska



Wydział
Mechaniczny



THEME OF THE CONFERENCE

- Linear and non-linear fracture mechanics in the description destruction of materials and structures
- Multiscale identification and modeling fracture mechanisms of engineering materials Cracking of biomaterials.
- Modeling of plastic and brittle fracture
- Fracture mechanics of composites and polymers
- Cracking of heterogeneous structures
- Statistical approach in the description of the cracking process
- Cracking criteria of materials
- Forecasting structural damage
- Cracking of materials and structures in a complex state of stress
- Cracking of materials and structures under loads dynamic
- The influence of the environment on the cracking process of materials and construction
- Experimental methods in fracture mechanics materials
- Fatigue fracture mechanics
- Modeling of cracking processes with the use of probabilistic methods and artificial intelligence

Honorary Chairman
Andrzej NEIMITZ

**President of Poland Fracture
Mechanics Group and the Conference**
Grzegorz LESIUK

ORGANIZING COMMITTEE

Chairman : Wojciech MYSZKA

**Organizing
Secretary:** Anna ZIĘTY

Members: Szymon DUDA
Szymon DZIUBA
Rafał MECH
Kayode James OLALEYE
Anna WYBRANIEC
Paweł ZIELONKA
KATARZYNA ŻOŁYŃSKA

CONFERENCE FEE

ESIS/PGMP PARTICIPANT	350 EUR
STUDENT PARTICIPANT	300 EUR
PARTICIPANT	400 EUR
ACCOMPANYING PERSON	200 PLN
VIRTUAL PARTICIPANT	150 EUR
VIRTUAL ESIS PARTICIPANT	100 EUR

Bank transfer details:
POLSKIE TOWARZYSTWO MECHANIKI
TEORETYCZNEJ I STOSOWANEJ o/Wrocław

Bank account number / IBAN:
PL21102052420000210204827533
(PKO Bank Polski SA, Oddział 18 we Wrocławiu
pl. Grunwaldzki 23-27, PL50365 Wrocław)

BIC (Swift) code of the bank: BPKOPLPW
Transfer title: XIX KKMP+name and surname

IMPORTANT TERMS

- **JUNE 30th, 2023**
Final registration of participants
- **JULY 15th, 2023**
Submitting abstracts and payment of fees
- **JULY 31th, 2023**
Information on qualifying abstracts
- **SEPTEMBER 30th, 2023:**
Submitting extended abstracts to the journal Springer

PUBLICATION

Abstracts will be published in **the book of abstracts** published by the Wrocław University of Technology.

Full versions of works (optional) will be allowed to be published as a chapter of the **Springer monograph - Structural Integrity Series**.

Selected works will be published in one of special editions of magazines:

- International Journal of Fatigue (140points, IF 5.489)
- Journal of Materials Research and Technology (100points, IF 6.267)
- Engineering Failure Analysis (100 points, IF 3.634)

**POLISH SOCIETY OF MECHANICS
THEORETICAL AND APPLIED**

Branch in Wrocław
ul. Łukasiewicza 5
50-370 Wrocław

CONTACT E-MAIL:
kkmp2023@pwr.edu.pl