

For those who would like to explore a unique coal mine, we provide a **second excursion** to GUIDO Mine in Zabrze. The visit under the ground will be guaranteed by the certificate. Moreover the accompanying persons will have an opportunity to visit the place in Moszna. Please select the excursion in advance.

The conference fees should be transferred to (EURO account):

Account holder: **Polish Society of Theoretical and Applied Mechanics (PTMTS), Opole**

Address: ul. Mikołajczyka 5, 45-271 Opole

Bank name: Millenium Bank S.A.

Bank address: ul. 1 Maja 6, 45-068 Opole, Poland

IBAN: PL33 1160 2202 0000 0001 4850 1390

SWIFT CODE: BIGBPLPW

Please, add your name and the abbreviation XV-ICMFM.

PARTICIPATION

The prospective participants of the Conference are kindly requested to send the registration form and abstract to the Conference Secretary Office by e-mail: d.rozumek@po.opole.pl

The abstract form can be downloaded from the conference web site. Abstract should be sent as DOC (MS Word 2003) and PDF formats.

CONTACTS

Organizing Committee of the XV International Colloquium "Mechanical Fatigue of Metals" (XV-ICMFM)

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First Announcement and Call for Papers

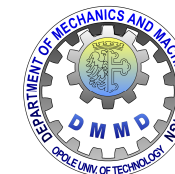
XV INTERNATIONAL COLLOQUIUM "MECHANICAL FATIGUE OF METALS"

(XV-ICMFM)



Opole, Poland

September 13 – 15, 2010



ORGANIZING COMMITTEE

Ewald MACHA, *chairman*
Dariusz ROZUMEK, *secretary*
Zbigniew MARCINIAK, Grzegorz ROBAK,
Joanna DROZD, Magdalena FILIPEK,
Małgorzata NOWICKA

Conference website:

www.cesti.po.opole.pl/XV-icmfm

organized by
Opole University of Technology

REGISTRATION FORM

I intend to participate in the XV International Colloquium on Mechanical Fatigue of Metals

First name: _____

Family name: _____

Title: _____

Affiliation: _____

Address: _____

Tel.: _____ Fax: _____

E-mail: _____

Proposed paper title: _____

Please tick: oral poster

No. of excursion: _____

Date: _____ Signature: _____

Post, fax or e-mail to:

XV-ICMFM Conference Secretariat,
Opole University of Technology,
Department of Mechanics and Machine Design
ul. Mikołajczyka 5, 45-271 Opole, Poland
tel.: (+48) 774006134, fax: (+48) 774006343
E-mail: d.rozumek@po.opole.pl

CONFERENCE VENUE

XV-ICMFM 2010 will take place in Opole – one of the oldest Polish cities, located in the south-west part of Poland upon the Odra River. It is the capital of the Opole Region and its cultural, economic, academic and scientific center. The city has several scientific-research institutes and a number of universities and colleges. The institutions of higher education create both scientific and cultural colours of the city. Its rich and wide spectrum of higher education institutions enroll a total of 35 000 students. One of the best known monuments in the Opole Region is the palace in Moszna. The fairy-tale castle and park complex is the former residence of the German Tiele-Winckler family. This gigantic 7,000 square and 63,000 cubic meter construction was started in the 17th century and has many rooms and turrets. It is reminiscent of the English castles from the Elizabethan period. Opole is also the capital of Polish Song. Each year the National Festival of Polish Song takes place – the event gathers the greatest stars of Polish music scene performing and competing for the prestigious awards.

MAIN TOPICS OF THE CONFERENCE:

- Physical and phenomenological approaches to the description of the fatigue damage
- Environmental (corrosive medium, temperature, loading waveform, etc.) effects on the fatigue crack propagation
- Fatigue strength with allowance for the effect of manufacturing and service factors
- Fatigue life of machine components
- Variable amplitude loading
- Mixed mode fatigue and fracture
- Multiaxial fatigue
- Fatigue modelling and simulation
- Software for life prediction
- Testing and applications

A Special Issue of **International Journal of Fatigue, Materials Science and Strength of Materials** containing extended versions of selected papers presented at **Colloquium** will be published after the Conference.

The official language for all presentations and posters is English.

IMPORTANT DATES

- Deadline for registration and abstracts May 01, 2010
- Notification of acceptance May 20, 2010
- Submission of full papers and registration fee payment June 30, 2010
- Beginning of conference September 13, 2010

CONFERENCE FEES

	Before 30.06.2010	After 30.06.2010
Participant (oral & poster)	EUR 300	EUR 350
Postgraduate student	EUR 200	EUR 250
Accompanying person	EUR 150	EUR 150

The conference fee for all participants includes: book of abstracts and proceedings with full papers on CD (excluding accompanying persons), participation in all sessions and conferences events (lunches, coffee breaks, welcome reception, barbecue and selected excursion). After the conference the full papers will be published in the special issues of international journals (some of them covered by Science Citation Index). If the paper is not accepted by the Scientific Committee and its author resigns his participation in the Conference for this reason, the paid money will be sent back. In any other cases of resignation, a handling charge 50 € will be deducted. After 15th August, 2010 the fee will not be repaid.

ACCOMMODATION AND EVENTS

Apart from the hotels in the city, organizers also suggest to consider booking cheap rooms in the University Hotel. Please send the detailed information about your chosen accommodation to the Secretary Office.

The organizers provide an excellent opportunity to have a dinner in the hunting atmosphere (barbecue). During the dinner there will be also an opportunity to encounter traditional Polish manufactures (such as painting of Easter eggs, sculpting in the wood, lace making, pottery and many more attractions) as well as purchase some of the best Polish souvenirs.

It will be also possible to visit the Memorial and the Museum Auschwitz-Birkenau where the permanent exhibition of Auschwitz I Main Camp is located and to see the most important remaining of the camp objects at Birkenau - **first excursion**.