

IZVEŠTAJ XII REDOVNE GODIŠNJE SKUPŠTINE DIVK

XII redovna godišnja skupština DRUŠTVA ZA INTEGRITET I VEK KONSTRUKCIJA (DIVK) održana je 12. aprila 2013. godine, u Svečanoj sali Instituta za ispitivanje materijala, Bulevar vojvode Mišića 43/II, Beograd. Skupštinu je vodio prof. dr Aleksandar Sedmak, predsednik DIVK.

Dnevni red

1. Izveštaj Upravnog odbora o radu u 2012. godini
2. Izveštaj o radu časopisa Integritet i vek konstrukcija u 2012. g.
3. Finansijski izveštaj za 2012. godinu
4. Izveštaj Nadzornog odbora
5. Organizacija rada DIVK, članstvo i članarina
6. Plan rada u 2013. godini
7. Razno

Neposredno u nastavku rada skupštine DIVK usledilo je predavanje - Jano Kurai, direktor PED Inspect, Beograd, pod nazivom: „Primena novih pravilnika za opremu pod pritiskom“

U nastavku su date važnije odluke XII godišnje skupštine DIVK i najvažnije informacije o radu DIVK iz Izveštaja o radu Upravnog odbora DIVK u 2012.

Upravni odbor DIVK:

- predsednik, prof. dr Aleksandar Sedmak, Univerzitet u Beogradu, Mašinski fakultet
- potpredsednik, dr Zijah Burzić, Vojnotehnički institut, Beograd
- dr Miodrag Arsić, Institut za ispitivanje materijala, Beograd
- doc. dr Ljubica Milović, Univerzitet u Beogradu, Tehnološko-metalurški fakultet
- dr Marina Kutin, Institut GOŠA, Beograd
- prof. dr Katarina Gerić, Univerzitet u Novom Sadu, Fakultet tehničkih nauka
- Jano Kurai, dipl. maš. inž., PED Inspect, Belgrade
- prof. dr Milorad Zrilić, Univerzitet u Beogradu, Tehnološko-metalurški fakultet
- Zoran Anđelković, Zavod za zavarivanje, Beograd
- prof. dr Marko Rakin, Univerzitet u Beogradu, Tehnološko-metalurški fakultet i
- mr Milica Tošić, sekretar Upravnog odbora DIVK

Nadzorni odbor

- dr Vencislav Grabulov
- prof. dr Zoran Radaković
- dr Meri Burzić

Direktor izdanja DIVK

- doc. dr Ljubica Milović

Glavni i odgovorni urednik časopisa IVK

- prof. dr Aleksandar Sedmak

Tehnički urednik časopisa IVK

- prof. dr Zoran Radaković

Sastanci UO

Održano je šest sastanka UO u toku 2012. godine. Na sastancima je razmatrana organizacija seminara i predavanja, odnosno, DIVK Foruma, učešće na naučnim konferencijama, problematika časopisa „Integritet i vek konstrukcija“ i drugih DIVK izdanja i druga pitanja.

Časopis „Integritet i vek konstrukcija“ (IVK)

Na vreme su izašla iz štampe sva tri broja časopisa u toku 2012. godine, a unapređena je i distribucija. O radu časopisa u 2012. sačinjen je, i na godišnjoj skupštini DIVK prezentiran, poseban izveštaj (Z. Radaković).

XII ANNUAL MEETING OF DIVK – REPORT

The **XII Annual General Meeting** of the SOCIETY FOR STRUCTURAL INTEGRITY AND LIFE (DIVK) was held on April 12, 2013, starting in the Conference Hall of the Institute for Materials Testing, Belgrade, Bulevar vojvode Misica 43/II. The meeting was led by Prof. Aleksandar Sedmak, president of DIVK.

Agenda

1. Report from the Managing Board for 2012
2. Report on the journal “Structural Integrity and Life” in 2012
3. Financial Report for 2012
4. Report of the Supervisory Board
5. DIVK organisation, membership and fee
6. The Plan of activities in 2013.
7. Miscellaneous

The DIVK Annual Meeting was followed by a lecture given by Jano Kurai, director of PED Inspect, Belgrade, titled:

“The implementation of new regulations for pressure equipment”

Below are given major decisions of XII DIVK Annual Meeting and most important information on DIVK activities according to the report from the DIVK Managing Board activities in 2012.

DIVK Managing Board:

- President, Prof. Dr Aleksandar Sedmak, University of Belgrade, Faculty of Mechanical Engineering
- Vice President, Dr Zijah Burzić, Military Technical Institute, Belgrade
- Dr Miodrag Arsic, Institute for Materials Testing, Belgrade
- Prof. Dr Ljubica Milovic, University of Belgrade, Faculty of Technology and Metallurgy
- Dr Marina Kutin, GOSA Institute, Belgrade
- Prof. Dr Katarina Gerić, University of Novi Sad, Faculty of Technical Sciences
- Jano Kurai, dipl. ing., PED Inspect, Belgrade
- Prof. Dr Milorad Zrilić, University of Belgrade, Faculty of Technology and Metallurgy
- Zoran Anđelkovic, Welding Institute, Belgrade
- Prof. Dr Marko Rakin, University of Belgrade, Faculty of Technology and Metallurgy, and
- Milica Tosic, MSc, Secretary of the Board of Directors DIVK.

Supervisory Board

- Dr Vencislav Grabulov
- Prof. Dr Zoran Radaković
- Dr Meri Burzić

Director DIVK editions

- Prof. Dr Ljubica Milović

Chief editor of IVK journal

- Prof. Dr Aleksandar Sedmak

Technical editor IVK journal

- Prof. Dr Zoran Radaković

Board Meetings

Six Board meetings were held in 2012. Discussions at the meetings included the organisation of seminars and lectures, and the DIVK Forum, participation at scientific conferences, issues on DIVK journal “Structural Integrity and Life” and other DIVK editions and other issues.

Journal “Structural Integrity and Life”

All three annual issues of the journal were published in scheduled time in 2012, and distribution has improved. A special report on journal activities was presented at the Annual Assembly (Z. Radaković).

Seminari DIVK

- 16. i 17. april 2012, DLHE Bajina Bašta
Integritet konstrukcija i novi propisi za sudove pod pritiskom
(rukovodilac obuke: A. Sedmak)
- 12. jul 2012, DLHE Bajina Bašta
Izrada i održavanje cevovoda hidroelektrana
(rukovodilac obuke: A. Sedmak)

Forum DIVK

- 11. oktobar 2012.
Istraživanje zamornog veka nosećih konstrukcijskih elemenata primenom MKE i PMKE
(uvodno izlaganje: dr Aleksandar Grbović).
- 19. novembar 2012. Nastavak izlaganja.
- 13. decembar 2012.
Uticaja režima opterećenja i radne sredine na zamor delova turbinske i hidromehaničke opreme hidroelektrana
(uvodno izlaganje: dr Miodrag Arsić).

Predavanja

- 19. oktobar 2012.
T. Tošić: *Tehnologija proizvodnje čeličnih konstrukcija na primerima iz prakse: (Cevovod pod pritiskom za RHE „Bajina Bašta“ i most „Mratinje“)*

Učešće na konferencijama

- 23-25. maj 2012, Ankara, Turska
International Conference on Welding Technologies and Exhibition
- 27-30. maj 2012, Braşov, Rumunija
NT2F12 – New Trends in Fatigue and Fracture
- 14 i 15. jun 2012, Temišvar, Rumunija
VI međunarodna konferencija – Innovative Technologies for Joining Advanced Materials
- 26-31. avgust 2012, Kazanj, Ruska Federacija
ECF19 Fracture Mechanics Against Catastrophic Failures
Tema: Mehanika loma u funkciji trajnosti, pouzdanosti i sigurnosti

Učešće DIVK u radu ESIS

- Srbija je na 3. mestu u ESIS po brojnosti članova u ESIS, preko DIVK.
- Nije na vreme plaćena članarina DIVK za ESIS, jer je izostala podrška Ministarstva za 2012. godinu (nedovoljna sredstva budžeta za te namene).
- A. Sedmak učestvovao je u radu ESIS na sastanku predsedništva ESIS u Kazanju, kada je razmatrana i naša ponuda za konferenciju ECF21, koja je ocenjena kao kvalitetna i ušla u najuži izbor sa ponudom Italijanske grupe za lom, koja je u drugom krugu glasanja pobedila sa 14:12 (u prvom krugu glasanja bilo je 13:13). Naša ponuda je dobila brojne komplimente i preporuku da se kandidujemo za ECF22 tokom konferencije ECF20, u Trondhajmu.
- A. Sedmak je član radne grupe ESIS za organizaciju Letnjih škola korišćenjem sredstava COST Akcije.

Saradnja sa Ministarstvom za prosvetu, nauku i tehnološki razvoj

Ministarstvo prosvete, nauke i tehnološkog razvoja podržalo je štampanje časopisa IVK za 2012. godinu sa 263.000 RSD. Učešće IMS u sufinansiranju iznosilo je 30.000, a ostalo je obezbedio DIVK. Izostale su podrška za članarine u međunarodnim asocijacijama i za monografiju R. Petrovića (odluka o štampanju UO od 11. januara 2012.).

Ostala izdanja

„Cevovod pod pritiskom za RHE Bajina Bašta“ (tehnologija proizvodnje čelične konstrukcije) autora Tihoslava Tošića, finansirale su DLHE Bajina Bašta u celini.

DIVK Seminars

- April 16 and 17, 2012, DLHE Bajina Bašta
Structural integrity and new regulations for equipment under pressure (head of training: A. Sedmak)
- July 12, 2012, Bajina Bašta
Construction and maintenance of hydropower plant pipelines (head of training: A. Sedmak)

DIVK Forum

- October 11, 2012.
Survey fatigue life of bearing structural elements by FEM and PMKE
(keynote lecture: Dr. Aleksandar Grbović).
- November 19, 2012, continued lecture
- December 13, 2012.
Influence of load and working environment on fatigue of turbine parts and hydromechanical equipment of hydropower plants
(keynote lecture: Dr. Miodrag Arsić).

Lectures

- October 19, 2012.
T. Tošić: *Manufacturing technology of steel structures with examples from practice: (Pressure pipeline for RHE ‘Bajina Bašta’ and bridge ‘Mratinje’)*

Participation at conferences

- May 23-25, 2012, Ankara, Turkey
International Conference on Welding Technologies and Exhibition
- May 27-30, 2012, Brasov, Romania
NT2F12 – New Trends in Fatigue and Fracture
- June 14 and 15, 2012, Timisoara, Romania
VI International Conference on Innovative Technologies for Joining Advanced Materials
- August 26-31, 2012, Kazan, Russia
ECF19 Fracture Mechanics Against Catastrophic Failures
Subject: Fracture mechanics as function of durability, reliability and safety

DIVK activities in ESIS

- Serbia takes 3rd place by number of members in ESIS through DIVK
- Membership for ESIS has not been settled on time, because of the lack of financial support from the Ministry for the year 2012 (insufficient budget funds for such purposes).
- A. Sedmak has participated in the ESIS Council meeting in Kazan, when our proposal for the ECF21 Conference was considered and thanked as good, but was shortlisted to the Italian Group of Fracture, which has won the vote in the second round 14:12 (the first round of voting was 13:13). Our offer has received a number of compliments and was recommended to apply for ECF22, at a conference in Trondheim.
- A. Sedmak, ESIS member of the group is elected to organize the Summer School through financial support from funds of COST Actions.

Cooperation with the Ministry of Education, Science and Technological Development

The Ministry of Education, Science, and Technological Development has financially supported publications for year 2012 with 263.000 RSD. Support from IMS was 30.000 RSD and DIVK has provided the rest. Membership fees in international associations and the monograph of R. Petrović have not been supported (decisions of the Managing Board on January 11, 2012).

Other editions

‘Pressure Pipeline for RHE “Bajina Bašta” (manufacturing technology of steel structures) by Tihoslav Tošić, has been fully financed by DLHE Bajina Bašta.

Administracija

DIVK funkcioniše bez stalno zaposlenih. Administrativne, knjigovodstvene, poslove finansija i računovodstva – obavlja M. Tošić, ZR priprema „Velmont” d.o.o. Beograd. DIVK nije u sistemu PDV. Otvoren je (5. dec. 2012.) podračun DIVK kod Uprave za trezor Ministarstva finansija – obaveza za korisnike budžetskih sredstava.

Članstvo, članarina i distribucija časopisa

Na spisku je ukupno 232 člana (prečišćena baza podataka), od kojih je manje od 50 izmirilo članarinu za 2012. (aktivni članovi). Članom DIVK se smatra svako ko popuni pristupnicu i koga UO primi za člana, ali samo aktivni članovi imaju pravo na niz pogodnosti (primerak časopisa IVK, izdanja DIVK, snižene kotizacije itd.).

Tokom 2012. časopis je slat poštom za članove van Beograda. ili je preuziman na Univerzitetu u Beogradu, Mašinski fakultet, a prema ranijem spisku članova, bez obzira na plaćenu (ili neplaćenu) članarinu. Prijavilo se nekoliko novih članova, ali neki nisu platili članarinu.

Pomažući članovi DIVK u 2012.

- DLHE Bajina Bašta
- Univerzitet u Beogradu, Mašinski fakultet–Inovacioni centar
- Univerzitet u Beogradu, Tehnološko-metalurški fakultet (pojedinačno)
- Institut IMS, Beograd
- PED Inspect
- Kolubara Metal, Vreoci (Lazarevac)
- Tehnička škola strukovnih studija, Tutin
- Viša tehnička škola, Zvečan

Deklarativno, bez učešća u finansiranju rada DIVK 2012. (iako ih reklamiramo u časopisu IVK):

- GOŠA FOM (platili 2011, pa 2013.)
- CertLab, Beograd (platili 2011, 2012, delimično)
- Institut za zavarivanje, Beograd (ne plaća članarinu nekoliko godina)
- Institut GOŠA, Beograd (ne plaća članarinu nekoliko godina)

Finansijski izveštaj 2012

DIVK je u 2012. ostvario skromne prihode od članarine, pre svega od pravnih lica – pomažućih članova DIVK, jednog broja pojedinačnih članova DIVK i Instituta za ispitivanje materijala, zatim reklame pojedinih kompanija u časopisu IVK, te doprinosa Ministarstva za prosvetu, nauku i tehnološki razvoj (MPNTR), koje je učestvovalo u sufinansiranju izdavačke aktivnosti DIVK i članarine DIVK u Evropskom udruženju za integritet konstrukcija (ESIS), ali su ukupni troškovi štampanja (drugi troškovi nisu ni evidentirani) i iznos same članarine, kao i troškova njene uplate bili u većem iznosu od primljenih sredstava za te namene. Izrazit je problem nedovoljnog i neredovnog prihoda, koji bi, u celini, povećali prihode DIVK i mogućnost ulaganja u ciljeve za koje je osnovan. Poslovi pripreme časopisa IVK za štampu uključujući recenzije i redakciju, zatim administrativni poslovi (uključujući finansije) i sve drugo se u DIVK obavlja volonterski, odnosno, afirmaciju teorije mehanike loma i unapređenje njene praktične primene.

Visina članarine za 2012.

Na godišnjoj skupštini je, na predlog UO DIVK, članarina ostala nepromenjena i za pojedince iznosi 2000 dinara godišnje, odnosno 3000 dinara za one članove DIVK koji žele da budu i članovi ESIS preko DIVK. Za strance je članarina 40 EUR. Umanjene članarine plaćaju: penzioneri 1.440 dinara i studenti 800 din. Članarina obuhvata po jedan besplatan primerak sva 3 broja časopisa „Integritet i vek konstrukcija“, kao i povlastice pri kupovini drugih publikacija koje DIVK objavi, kao i povlastice vezane za učešće na seminarima, konferencijama i dr.

Administration

DIVK operates without full-time employees. Administrative, accounting and finance – is done by M. Tošić, ZR preparation “Velmont” Ltd. Belgrade. DIVK is not in the taxes system. On December 5, 2012, a DIVK sub-account is open in the Treasury Department of the Ministry of Finance – a compulsory of budget beneficiaries.

Membership, fees and journal distribution

A total of 232 members are on the list (reviewed database), of which less than 50 have paid fees for 2012 (active members). A DIVK member is considered anyone who fills out the application and who the Board accepts as member, but only active members are entitled to a range of benefits (a copy of the journal IVK, DIVK editions, reduced conference registration fees, etc.).

During 2012, the journal was mailed to members outside of Belgrade, or was distributed at University of Belgrade, Faculty of Mechanical Engineering, according to the previous members list, regardless of paid (or unpaid) membership fee. Several new members have applied, but some have not settled the fee.

DIVK supporting members in 2012

- DLHE Bajina Bašta
- University of Belgrade, Faculty of Mechanical Engineering–Innovation Centre
- University of Belgrade, Faculty of Technology and Metallurgy (individual)
- IMS Institute, Belgrade
- PED Inspect
- Kolubara Metal Vreoci (Lazarevac)
- Technical School, Tutin
- Technical School, Zvečan

Declaratively, without participating in the financing of DIVK in 2012 (although they are advertised in the journal IVK):

- GOŠA FOM (paid in 2011 and 2013)
- CertLab, Belgrade (paid in 2011, 2012, partially)
- Welding Institute, Belgrade (not paid membership fee for years)
- GOŠA Institute, Belgrade (not paid membership fee for years)

Financial Report 2012

In 2012 DIVK obtained a low income from membership fees, primarily from businesses – supporting members, a number of individual DIVK members, the Institute for Materials Testing, and from advertising companies in the journal IVK, and from the support of the Ministry of Education, Science and Technological Development (MPNTR), which is involved in co-financing publications and membership in the European Society for Structural Integrity (ESIS), but overall printing costs (other costs are not recorded) and the amount of membership fees and the cost of payments are exceeding the funds received for this purpose. It is a typical problem of insufficient and irregular income, which in general increases DIVK revenues, and investment opportunities in the purposes for which it was established. Activities on the journal preparation, including reviews and editing, certain administrative work (including finance) and everything else is done at DIVK on a voluntary basis, for the affirmation of fracture mechanics and improvement of its practical applications.

Membership fee for 2012

At the annual meeting, according to the proposal of the DIVK Board, membership has remained unchanged and for individuals is 2000 RSD per year, or 3000 RSD for DIVK members who want to become ESIS members through DIVK. Fee for foreigners is 40 EUR. Reduced fee is reserved for retired DIVK members: 1440 RSD and 800 RSD for students. Membership fee includes a free copy of all three annual issues of the journal “Structural Integrity and Life” as well as benefit prices of other DIVK editions and benefits associated with participation in seminars, conferences and others.

Pomažući članovi (donatori) su firme (ili pojedinci) koji plaćaju članarinu min. 20.000, što obuhvata pretplatu na 2 primerka sva 3 broja časopisa „Integritet i vek konstrukcija“ i članarinu za do tri individualna člana. Preko tri individualna člana - plaćaju povlašćene članarine – 1.600 dinara po osobi.

Fizička lica članarinu mogu uplatiti na bankarski račun DIVK: 200-2410200101872-30 (Banka Poštanska štedionica); Primalac: DIVK, Kraljice Marije 16/V, Svrha uplate: Članarina za DIVK za 2013. godinu. Za račun i druge informacije možete se obratiti na email: kancelarija@divk.org.rs ili na tel. +381 11 3302346; mob. +381 63287895 (kontakt lice: mr Milica Tošić).

Assisting members (donors) are companies (or individuals) who pay min. 20,000 RSD which includes a subscription to 2 copies of all three annual issues of “Structural Integrity and Life” and membership fee for up to three individual members. For over three individual members, a preferential fee of 1600 RSD per person.

Private individuals can pay the fee to the bank account of DIVK: 200-2410200101872-30 (Banka Poštanska štedionica); Recipient of payment: DIVK, Kraljice Marije 16/V): membership fee for DIVK for 2013. For invoice and other information, please contact through email: kancelarija@divk.org.rs or by phone: +381 11 3302346, mob. +381 63287895 (contact person: Milica Tošić)

M. Tošić, A. Sedmak

IN MEMORIAM

Marina Kutin je rođena u Smederevskoj Palanci, 1961. godine, gde je završila osnovnu školu i gimnaziju. Mašinski fakultet Univerziteta u Beogradu – smer Proizvodno mašinstvo, završila je 1987. godine, a potom Specijalističke studije (2000) i magistarske (2006), a doktorirala je 2010. Završila je i kurs za inženjere za zavarivanje (1995) i kurs IWE – Evropski inženjer zavarivanja (2001).

Svoju radnu karijeru započela je u Poslovnom sistemu GOŠA, radeći na poslovima tehnologije i tehničke pripreme proizvodnje u tri GOŠA fabrike, a posle osam godina rada u proizvodnim celinama GOŠA, prelazi u Institut GOŠA. Uz rad je nastavila da uči i da se usavršava u oblasti svoje uže specijalizacije – tehnologije zavarivanja i prošla niz domaćih i međunarodnih kurseva i specijalizacija. Svoje iskustvo i rad u privredi nadogradila je rezultatima u reorganizaciji Instituta kao istraživačke i naučne institucije, razvoju laboratorijskih i istraživačkih kapaciteta Instituta GOŠA, organizaciji obuke zavarivača, a autor je i koautor 6 monografija i preko 60 stručnih i naučnih radova objavljenih u zemlji i inostranstvu.

Lični osvrt

Te, 1987. godine, jedna devojka se hrabro upustila u probleme koji čine sam vrh u nauci o materijalima i zavarivanju – te, sada već daleke godine, Marina Milić je uradila sjajan diplomski rad na temu zavarljivosti. Bilo je to pod mentorstvom Avrama Majstorovića, jednog od poslednjih profesora potpuno posvećenih studentima, a u saradnji sa mnim, tada predmetnim asistentom. Retki su bili studenti koji su kod Avrama uzimali diplomski, bio je tu prisutan nekakav strah, svakako neopravdan, ali opšte poznat. Marina se nije uplašila, kao što se i kasnije nikad nije uplašila, čak i kada je imala razloga za to. Kada je preuzela GOŠA Institut imala je sve preduslove za neuspeh, i suprotno svim očekivanjima, uključujući i moja, uspeła je da toliko unapredi Institut da je to danas međunarodno priznata institucija, koja se podjednako uspešno bavi stručnim obrazovanjem, problemima industrije i istraživačko-razvojnim projektima, kao retko koji naš institut.



**Dr Marina Kutin
(1961-2013)**

Deset godina je bila direktor Instituta GOŠA, koji je među vodećim institucijama u zemlji u zavarivanju i nauci o materijalima, posebno u oblasti obuke kadrova za zavarivanje, jer je preko 200 inženjera i tehničara iz privrede prošlo obuku u Institutu GOŠA, dok je obuku, do-obuku i sertifikaciju dobilo preko 2000 zavarivača.

Samopregornim radom, istrajnošću, posvećenošću, uspeła je da kapacitete Instituta usmeri u pravcu veće primenljivosti u privredi i ostvari značajno učešće Instituta na projektima koje je finansiralo Ministarstvo za nauku i drugim stručnim projektima i bila rukovodilac projekta W-Tech, finansirano od strane EU. Bila je potpredsednik Zajednice instituta Srbije i obavljala druge društvene funkcije. Takođe je bila član i bila je uključena u upravljanje i rad u više stručnih udruženja, komisija, časopisa, pa je član Društva za

integritet i vek konstrukcija (DIVK) od 2003, a od 2010. i član Upravnog odbora DIVK.

Za svoj rad je dobila više nagrada i priznanja, između ostalih i Diplomu sa poveljom Privredne komore Srbije za postignute rezultate u razvoju i unapređenju privrede (2011).

U Srbiji je uvek bilo teško biti žena, a posebno je teško biti uspešna poslovna žena. Balkanski mentalitet ne podržava žene – direktore, naročito ne relativno mlade. Pitam se sada, dok razmišljamo o Marini i o njenoj preranoj smrti, da li smo je, svi mi, kao društvo, previše opteretili? Da li treba da smišljamo sve moguće prepreke na putu ka uspehu, koji se ovde ne prašta tako lako, naročito ne ženama? Može li biti da smo jednostavno potrošili jednu energiju i ambiciju, a da nismo ni primetili? Ako je tako, a ja mislim da jeste, trebalo bi da joj se odužimo... možda bi bilo najbolje da svako od nas razmisli šta može da učini da GOŠA institut nastavi dobrim putem, započetim pre nekoliko decenija, trasiranim od strane nekoliko sjajnih direktora, i popločanim u poslednjoj deceniji uspešnim delovanjem jedne žene koju nećemo zaboraviti.

A. Sedmak

New Trends in FATIGUE and FRACTURE

NT2F14 – FOURTEENTH INTERNATIONAL CONFERENCE

“Fatigue and fracture at all scales”

15-18 September 2014, Belgrade, Serbia

First Announcement

The Fourteenth New Trends in Fatigue and Fracture (NT2F14) international conference will be held in Belgrade, Serbia, from 15-18 September, 2014. Selected papers will be published in the international journal *Structural Integrity and Life*, ISSN 1451-3749. The conference will take place at the University of Belgrade, Faculty of Technology and Metallurgy and at the Innovation Centre of the Faculty of Mechanical Engineering. The organisation is supported by ESIS and the Ministry of Education, Science and Technological Development of the Republic of Serbia.

NT2F14 OBJECTIVES

This prestigious and long running conference will bring together delegates from around the world to discuss how to characterize, predict and analyze the fatigue and fracture of engineering materials.

NT2F14 will focus on all aspects of fracture and fatigue of wide range of materials (structural metals and alloys, advanced alloys and metallic systems, ceramics and glass, polymers, elastomers and composites, smart and functional materials, geomaterials and ice, cementitious materials for concrete, biomaterials), components and structures (welded components and weldments, pipelines, pressure vessels and other energy components, thin films, multi-layers, coatings and membranes, aerospace and aeronautics applications, micro-electro-mechanical systems (MEMS) and nano-scale components, shipbuilding, automotive industry), with special emphasis on multi-scale approaches and applications to renewable energy materials and challenging environments. This is a significant opportunity for you to join colleagues from around the world to exchange and discuss new ideas and findings and to present your work as a poster or oral presentation.

Structural Integrity and Life (ISSN 1451-3749) will be the supporting journal of the conference where all reviewed and accepted conference papers shall be published. Authors of selected papers will be invited to submit extended versions for publication.

TOPICS

- Fatigue
- Failure Analysis
- Criteria of Fracture and Failure
- Damage and Micromechanics
- Corrosion, Environmentally Assisted Cracking and Corrosion Fatigue
- Extended Finite Elements Methods and their Application
- Reliability and Integrity of Engineering Structures
- Microstructurally Short Cracks
- Simulation and Testing of Crack Propagation on all Length Scales
- Residual Stresses

Approaches to topics can be theoretical, experimental, numerical, with special attention paid to practical approach.

Venue and accommodation

The Conference NT2F14 will be held in Belgrade, capital of Serbia, that lies at the confluence of the Sava and Danube Rivers, with exclusive scenery. Days in September are pleasant in Serbia, the weather is nice and the temperature is agreeable. NT2F14 will be organized in the central area of Belgrade city, at the Faculty of Technology and Metallurgy, Karnegijeva 4 street and at the Faculty of Mechanical Engineering (which is located right behind), Kraljice Marije 16 street.

Participants will be accommodated in hotels close to the Faculties, average price 50 EUR for single and 70 EUR for double-bed.

organized by



University of Belgrade
Faculty of Technology and Metallurgy



Society for Structural Integrity and Life



Université de Lille 1
Sciences et Technologies



Laboratoire de Fiabilité Mécanique de
l'Ecole Nationale d'Ingénieurs de Metz

University of Belgrade
Faculty of Mechanical Engineering
Innovation Centre

Further information is available at:
<http://irc.inovacionicentar.rs/nt2f14>
Phone: (+381 62) 295-496
E-mail: nt2f14@divk.org.rs

Organizing Committee

Ljubica Milović, chairman
Miloš Milošević, co-chairman
Milica Tošić
Katarina Bojić
Jasmina Perović
Igor Svetel
Simon Sedmak
Miloš Đukić
Luis F. Galvão dos Reis
Julien Capelle

Stojan Sedmak
honorary chairman, Serbia

Scientific Committee

Aleksandar Sedmak, chairman, Serbia
Moussa Naït-Abdelaziz, co-chairman, France
Ljubica Milović, co-chairman, Serbia
Donka Angelova, Bulgaria
Zitouni Azari, France
Lajos Borbas, Hungary
Taoufik Boukharouba, Algeria
Zijah Burzić, Serbia
Katia Casavola, Italy
Sveto Cvetkovski, Macedonia
Marenglen Gjonaj, Albania
Nenad Gubelj, Slovenia
Dražan Kozak, Croatia
Mohammed Hadj Meliani, Algeria
Paolo Lazzarin, Italy
Mersida Manjgo, Bosnia and Herzegovina
Liviu Marşavina, Romania
Yury Matvienko, Russia
Volodymyr Panasyuk, Ukraine
Carmine Pappalettere, Italy
Guy Pluvinage, France
Marko Rakin, Serbia
Ivan Samardžić, Croatia
Jesus Toribio, Spain
László Tóth, Hungary
Cetin Sonsino, Germany
Vlad Ulmanu, Romania
Sorin Vlase, Romania
Tomaž Vuherer, Slovenia
Milorad Zrilić, Serbia

NT2F14 – FOURTEENTH INTERNATIONAL CONFERENCE**“Fatigue and fracture at all scales”****REGISTRATION INFORMATION**

Registration fees	Early bird registration deadline June 15, 2014	Late registration deadline September 11, 2014	Onsite registration
Conference Delegate	250 €	275 €	300 €
Student Delegate ¹	100 €	120 €	150 €

¹ Student registration forms must be accompanied by a signed letter from the head of department attesting to student status.

The registration fees include:

- Access to the Conference sessions, Poster area and Workshops
- All conference documents and certificate of attendance
- Lunch and mid-session refreshments as scheduled in the Conference programme
- Conference dinner on Wednesday, September 17, 2014
- Open bus tour-Belgrade sightseeing