

OSMA GODIŠNJA SKUPŠTINA DRUŠTVA ZA INTEGRITET I VEK KONSTRUKCIJA (DIVK)

Osma godišnja skupština DIVK održana je 11. marta 2009. godine u Svečanoj sali Instituta za ispitivanje materijala IMS. U radu Skupštine je učestvovalo 46 članova DIVK.

Dnevni red:

1. Izveštaj Upravnog odbora o radu u protekloj godini
2. Finansijski izveštaj za 2008. godinu
3. Izveštaj Nadzornog odbora
4. Izveštaj o radu časopisa „Integritet i vek konstrukcija“ u 2008. godini
5. Plan rada u 2009. godini

Izveštaj o radu društva u 2008. godini podneo je predsednik DIVK, prof. dr Aleksandar Sedmak.

Izveštaj o radu DIVK u 2008. godini

Na skupštini DIVK održanoj 5. decembra 2008. godine u okviru Pete godišnje konferencije DIVK, izabran je novi Upravni odbor od 11 članova.

Za predsednika Upravnog odbora (UO) DIVK izabran je prof. dr Aleksandar Sedmak, Mašinski fakultet Univerziteta u Beogradu, a za potpredsednika dr Zijah Burzić, saradnik Vojnotehničkog instituta (VTI) u Beogradu.

Članovi novog saziva UO DIVK su:

- dr Miodrag Arsić i mr Dragan Jaković iz Instituta za ispitivanje materijala (IMS), Beograd;
- prof. dr Katarina Gerić sa Fakulteta tehničkih nauka Univerziteta u Novom Sadu;
- Jano Kurai, dipl. maš. inž., PETROHEMIJA Pančevo;
- doc. dr Milorad Zrilić i doc. dr Ljubica Milović sa Tehnološko-metalurškog fakulteta Univerziteta u Beogradu;
- Miodrag Pavišić, dipl. građ. inž., PM Lucas, Beograd;
- Vasilije Sarić, dipl. inž. tehn., JKP Beogradske elektrane; i
- doc. dr Mersida Manjgo sa Mašinskog fakulteta Univerziteta u Mostaru, Bosna i Hercegovina.

Na istoj sednici izabrani su i novi članovi administracije DIVK:

- Ljubica Milović, generalni sekretar DIVK;
- Aleksandar Đurović, tehnički sekretar Društva;
- Dragica Marković, administrator DIVK;
- Mersida Manjgo, sekretar koji će se starati o radu Društva i članstvu u Bosni i Hercegovini.

Pomažući kolektivni članovi DIVK

- JKP Beogradske elektrane, Beograd
- EPS Direkcija za strategiju i investicije, Beograd
- JP TENT, Obrenovac
- CERTLAB, Pančevo
- Institut GOŠA, Smederevska Palanka
- PMC Inženjering, Beograd
- NIS NAFTAGAS, Zrenjanin
- KONMAT, Beograd
- IKARBUS, Beograd
- Institut IMS, Beograd
- HIP Petrohemija, Pančevo
- Zavod za zavarivanje, Beograd
- GOŠA FOM, Smederevska Palanka
- Rafinerija nafte, Pančevo
- Razvojno proizvodni centar "Prva petoletka-NIC", AD, Trstenik

Članstvo

Na spisku 2008. je 154 aktivnih pojedinačnih članova DIVK.

Članom DIVK se smatra svako ko popuni pristupnicu i UO ga primi za člana. Samo aktivni članovi se vode u tekućoj evidenciji i imaju niz pogodnosti (primerak časopisa Integritet i vek konstrukcija IVK, izdanja DIVK, snižene kotizacije).

EIGHTH ANNUAL MEETING OF THE SOCIETY FOR STRUCTURAL INTEGRITY AND LIFE (DIVK)

The Eighth Annual Meeting of Society for Structural Integrity and Life was held on March 11, 2009, at the Ceremonial Hall of the Institute for Materials Testing (IMS), in front of 42 members.

Agenda:

1. Governing Board report on the activities in the past year
2. Financial report for year 2008
3. Supervisory Board report
4. Journal "Structural Integrity and Life" editorial report of 2008
5. Plan of activities in 2009

The report on the activities of the society was given by DIVK president, Prof. Dr. Aleksandar Sedmak.

Report on DIVK activities in 2008

At the DIVK meeting held on December 5, 2008, within the scope of the DIVK Fifth Annual Conference, a new Governing Board (UO) of 11 members was elected.

Prof. Dr Aleksandar Sedmak from the Faculty of Mechanical Engineering, University of Belgrade, was chosen for president of DIVK Governing Board (UO), and Dr. Zijah Burzić from the Military Technical Institute (VTI) in Belgrade, as vice-president.

Members of the newly elected UO DIVK are:

- Dr Miodrag Arsić and Mr Dragan Jaković from the Institute for Materials Testing (IMS);
- Prof. Dr Katarina Gerić from the Faculty of Technical Sciences, University of Novi Sad;
- Jano Kurai, Dipl. Mech. Eng., PETROHEMIJA Pančevo;
- Doc. Dr Milorad Zrilić and Doc. Dr Ljubica Milović from the Faculty of Technology and Metallurgy, University of Belgrade;
- Miodrag Pavišić, Dipl. Civ. Eng., PM Lucas Belgrade;
- Vasilije Sarić, Dipl. Eng. Techn, JKP Beogradske elektrane; and
- Doc. Dr Mersida Manjgo from the Faculty of Mechanical Engineering, University in Mostar, Bosnia and Herzegovina.

New members of DIVK administration were also elected at the same session:

- Ljubica Milović, general secretary of DIVK;
- Aleksandar Djurović, technical secretary of DIVK;
- Dragica Marković, administrator of the Society
- Mersida Manjgo, secretary for DIVK activities and the membership in Bosnia and Herzegovina.

Supporting donor DIVK members

- JKP Beogradske elektrane, Beograd
- EPS Direkcija za strategiju i investicije, Beograd
- JP TENT, Obrenovac
- CERTLAB, Pančevo
- Institut GOŠA, Smederevska Palanka
- PMC Inženjering, Beograd
- NIS NAFTAGAS, Zrenjanin
- KONMAT, Beograd
- IKARBUS, Beograd
- Institut IMS, Beograd
- HIP Petrohemija, Pančevo
- Zavod za zavarivanje, Beograd
- GOŠA FOM, Smederevska Palanka
- NIS Oil refinery, Pančevo
- Development production centre "Prva petoletka-NIC", AD, Trstenik

Membership

In year 2008, DIVK has 154 active individual members listed.

As DIVK member may be regarded anyone that applied for membership if admitted as member by the UO. Active members are on the list of benefits (one copy of the journal Structural Integrity and Life, DIVK publications, reduced participation fees).

Članstvo u ESIS

Podrška Ministarstva za nauku i tehnološki razvoj Srbije u plaćanju ESIS članarine je omogućila da se osnovna članarina DIVK smanji sa 30 EUR na 1500,00 dinara godišnje, a da zainteresovani budu registrovani za članstvo u ESIS preko kancelarije DIVK. Ovu pogodnost članovi DIVK mogu da koriste:

- ako su regulisali članarinu DIVK za 2009, i
- ako su dostavili kancelariji DIVK pristupnicu za ESIS, što mogu i sada da učine ako su zainteresovani i za članstvo u ESIS.

Spisak članova ESIS registrovanih preko kancelarije DIVK je dat kao prilog.

10. MEĐUNARODNA LETNJA ŠKOLA MEHANIKE LOMA (IFMASS 10)

Od 23. do 27. juna 2008. na Zlatiboru je održana 10. Međunarodna letnja škola mehanike loma na kojoj je učestvovao 21 predavač (od kojih prvi put sedam) i 44 polaznika, iz Srbije, Bosne i Hercegovine, Republike Srpske, Slovenije, Sjedinjenih Država i Nemačke. Učesnicima je podeljen primerak monografije prethodne škole IFMASS 9, objavljene na engleskom jeziku.

GODIŠNJA KONFERENCIJA DIVK

Peta Godišnja konferencija DIVK je održana 5. decembra 2008. Prisustvovalo je 42 člana i predstavljeno je 13 radova sa skupa NATO WORKSHOP, održanog u Portorožu, sa Konferencije NT2F8 u Ankaru, saradnika Inovacionog centra Mašinskog fakulteta Univerziteta u Beogradu, sa Mašinskog fakulteta Univerziteta u Kragujevcu i iz Instituta IMS.

U okviru Konferencije održan je seminar na kome je izloženo 7 predavanja na temu „Lomovi i vek vazduhoplova“. Uvodna predavanja su držali gosti DIVK, Rasel Vanhil iz Holandije (*National Aerospace Laboratory, NLR*) i Simon Barter iz Australije (*The Defence Science and Technology Organisation, DSTO Melbourne*), a ostala predavanja su održali članovi DIVK, najvećim delom saradnici Vojnotehničkog instituta.

Takođe u organizaciji DIVK i Filozofskog fakulteta Univerziteta u Beogradu, Odsek za arheologiju, 3. decembra 2008. je Rasel Vanhil, u sali „Dragoslav Srejski“ na Filozofskom fakultetu, održao dva predavanja iz arheometalurgije – o starom srebru i ostacima nosača mostova iz Rimskog doba, otkrivenim u Holandiji.

ČASOPIS „INTEGRITET I VEK KONSTRUKCIJA“ (IVK)

Zahvaljujući naporu uređivačkog tima, na vreme su izašla iz štampe sva tri broja časopisa IVK za 2008. godinu. Glavni i odgovorni urednik Zoran Radaković je početkom 2009. podneo *Thomson Scientific*, u sastavu Thomson-Reuters, zahtev za evaluaciju IVK, radi stavljanja na međunarodnu SCI listu naučnih časopisa. Ishod evaluacije se očekuje krajem 2009. godine.

Veb strane DIVK i IVK

Tehnički sekretar Aleksandar Đurović je projektovao i vodi veb stranu DIVK, a Zoran Radaković veb stranu časopisa IVK. Adresa DIVK je www.divk.org.rs, a IVK je www.divk.org.rs/ivk.

Posećenost je sa 160.808 ulazaka tokom 2008. godine bila je 60% veća od prethodne 2007. godine; na sajt DIVK je postavljeno 20 novih vesti.

Finansijski izveštaj i izveštaj Nadzornog odbora DIVK

Finansijski izveštaj za 2008. i izveštaj Nadzornog odbora DIVK, koji je prethodno usvojen na sednici UO DIVK 5. januara 2009, je Skupštini podneo je Milorad Zrilić.

ESIS membership

The support of Serbian Ministry of Science and Technological Development for ESIS membership fee of DIVK members has enabled to reduce the basic DIVK membership fee from 30 EUR to 1500 dinars per year, and all interested in ESIS membership are to be registered through DIVK office. Conveniences can be used:

- if DIVK membership fee for 2009 is covered, and
- if members interested in ESIS membership had already sent corresponding ESIS application form to DIVK office or do this now.

The list of ESIS members registered through DIVK office is presented as an enclosure.

10TH INTERNATIONAL FRACTURE MECHANICS SUMMER SCHOOL (IFMASS 10)

The 10th International Fracture Mechanics Summer School was held from 23–27 June 2008 on Zlatibor with 21 lecturers (of which seven for the first time) and 44 attendees from Serbia, Bosnia and Herzegovina, Republic of Srpska, Slovenia, United States and Germany. All participants received a copy of the previous IFMASS 9 monograph, published in English.

ANNUAL DIVK CONFERENCE

The 5th Annual DIVK Conference was held on December 5, 2008 with the participation of 42 members and 13 papers presented from the NATO WORKSHOP, held in Portorož, from NT2F8 Conference in Ankaru, and by associates from the Innovation Centre, Faculty of Mech. Engng., Belgrade University, Faculty of Mech. Engng. University of Kragujevac and from the IMS Institute.

In the frame of the Conference a seminar with 7 lectures, entitled “Fracture and Life of Aircrafts” was held. Introductory lectures had been given by DIVK guests, Russell Wanhill from the Netherlands (*National Aerospace Laboratory, NLR*) and Simon Barter from Australia (*The Defence Science and Technology Organisation, DSTO Melbourne*), followed by lectures of DIVK members, mostly from the Military Technical Institute.

Also organised by DIVK and Faculty of Philosophy, Belgrade University, Department of Archaeology, on Dec. 3 2008, in the “Dragoslav Srejski” hall, Russell Wanhill held two lectures in archaeometallurgy – on ancient silver and on the ancient Roman bridge remains, sites located in the Netherlands.

JOURNAL “STRUCTURAL INTEGRITY AND LIFE” (IVK)

Thanks to the efforts of the editorial team, all three IVK journal issues were published within the scheduled time in 2008. At the start of 2009, Zoran Radaković, editor in chief, has applied IVK journal for evaluation to Thomson Scientific, acting under Thomson-Reuters, for placement on the SCI list. Results of the evaluation are to be expected by the end of 2009.

DIVK and IVK websites

Technical secretary Aleksandar Djurović created and maintains DIVK website (www.divk.org.rs), and Zoran Radaković created and maintains IVK journal's website. (www.divk.org.rs/ivk).

Web page visits of 160,808 during the year 2008 were 60% higher than in the previous year 2007; DIVK site was updated with at least 20 news events.

Financial report and report from DIVK Supervisory Board

The financial report and from DIVK Supervisory Board report, previously accepted by UO DIVK at the meeting on 5th January 2009, was submitted by Milorad Zrilić.



PLAN RADA I AKTIVNOSTI DIVK U 2009.

O planu rada za 2009. je izvestila Ljubica Milović.

Izdavačka delatnost

- monografija IFMASS 10
- knjiga Petra Agatonovića „Alternativni izvori energije“

Forumi DIVK

Upravni odbor DIVK je na sednici 17. decembra 2008. doneo odluku da se u 2009. godini jednom mesečno održavaju sastanci stručne javnosti na kojima bi se razrešavale nedoumice iz nauke i iz struke. Ta okupljanja su nazvana sastanci Foruma DIVK. Prvi sastanak Foruma je održan na Mašinskom fakultetu Univerziteta u Beogradu, 11. februara 2009. Moderator prvog foruma bio je prof. dr Stojan Sedmak sa temom *Parametri plastičnosti, duktilnosti i žilavosti materijala u oceni integriteta konstrukcija*. Drugi sastanak Foruma DIVK je održan 11. marta, odmah posle 8. Godišnje skupštine DIVK, u Institutu za ispitivanje materijala IMS, sa moderatorom dr Miloradom Zrilićem, sa temom *Nedoumice u proceni veka sa stanovišta zamora*. Treći, četvrti i peti sastanak Foruma DIVK su održani na Mašinskom fakultetu Univerziteta u Beogradu, i to redom 8. aprila sa moderatorom dr Miodragom Arsićem, sa temom *Zamor pri cikličnom opterećenju sa promenljivim amplitudama*, zatim 13. maja, sa moderatorom dr Zoranom Radakovićem, sa temom *Nedoumice u analizi inicijacije rasta prslina* i 10. juna, sa moderatorom Zoranom Petraškovićem, sa temom *Neki aspekti histerezisnog ponašanja konstrukcije čeličnih dampera u polju zamora zemljotresnim malocikličnim opterećenjem*.

Poslednji sastanak Foruma DIVK je zakazan za 9. septembar sa moderatorom dr Ljubicom Milović.

Svim članovima Društva se redovno šalju informacije i najave sa sadržajem pojedinih sastanaka Foruma DIVK, a takođe se najave mogu videti i na veb strani Društva.

NT2F9

Od 12-14. oktobra 2009. u Beogradu je zakazana Međunarodna konferencija NT2F9 „Otkazi materijala i konstrukcija zbog zamora materijala i loma“.

Uspostavljeni su Organizacioni odbor i Naučni odbor i poslato je Prvo obaveštenje. Na sajt DIVK www.divk.org.rs mogu da se pročitaju teme konferencije. Konferenciju NT2F je osnovao u Francuskoj prof. Gi Plivinaž, a do sada je organizovana u Francuskoj (Mec), u Alžiru, Egiptu, Siriji (Alep), Italiji (Bari), Sloveniji (Brdo kod Kranja, Ankarana), Mađarska (Miškolc).

Počev od 1. septembra molimo da se radovi u konačnom obliku šalju elektronski na e-mejl kancelarija@divk.org.rs. Krajnji rok za podnošenje radova je 15. septembar 2009, a uputstva za pripremu radova se nalaze na veb strani NT2F9 <http://nt2f9.tmf.bg.ac.rs>.

Seminari

U pripremi su dva seminara.

Prvi od njih je „Proizvodnja i integritet u eksploataciji predizolovanih cevi za toplovođe“ se priprema u saradnji sa JKP Beogradske elektrane, prema programu koji definisali Tomislav Kovačević i Vasilije Sarić. Seminar je namenjen stručnjacima u službi nadzora (inspektori i kontrolori).

Drugi seminar, „Ispitivanje zatezanjem metalnih materijala“, koji pripremaju DIVK i IMS, namenjen je stručnjacima u metrološkim laboratorijama i laboratorijama za mehanička ispitivanja. Teorijski deo seminara će se planirati u prostorijama IMS, a vežbe će se organizovati u IMS, VTI i na TMF. Na programu i organizaciji seminara su angažovani Stojan Sedmak, Dejan Momčilović, Mladen Mladenović, Zijah Burzić i Milorad Zrilić.

DIVK PLAN AND ACTIVITIES IN 2009

Ljubica Milović reported on the Society's activities in 2009.

Publishing

- IFMASS 10 monograph
- book by Petar Agatonović “Alternative Resources of Energy”

DIVK Forums

On the session on December 17, 2008, DIVK Governing Board has decided that monthly forums should take place in 2009 gathering professionals that will elucidate ambiguities in their science and profession. These events are called DIVK Forum meetings. The first Forum was held on February 11th, 2009, at the Faculty of Mechanical Engineering, Belgrade University. The first presentation devoted to *Parameters of plasticity, ductility and material toughness in structural integrity assessment* was moderated by Prof. Dr. Stojan Sedmak. The second Forum meeting was held on March 11th, following the 8th Annual DIVK Assembly at the Institute for Materials Testing IMS, moderated by Dr. Milorad Zrilić about the *Ambiguities in life assessment from the aspect of fatigue*. The third, fourth and fifth DIVK Forum meetings all were held at the Faculty of Mechanical Engineering, Belgrade University, respectfully on April 8th, with Dr. Miodrag Arsić who presented *Fatigue at cyclic load with variable amplitudes*, on May 13th, with Dr. Zoran Radaković, who presented *Ambiguities in the analysis of crack initiation and growth*, and on June 10th, with Zoran Petrašković presenting *Some aspects of hysteresis behaviour of steel damper structures in the field of earthquake low cycle fatigue loads*.

This year's final DIVK Forum meeting is scheduled for September 9th, with Dr Ljubica Milović as moderator.

Updated, notifications and other information are regularly sent to all Society members with brief contents of the DIVK Forum meetings, and may also be viewed on DIVK website.

NT2F9

The Ninth International Conference **New Trends in Fatigue and Fracture “Failures of materials and structures by fatigue and fracture”** will be held in Belgrade, October 12-14, 2009.

The Organising Committee and Science Committee are constituted and the First Announcement is sent. The NT2F Conference is established in France by Prof. Guy Pluinage, and organised in France (Metz), in Algeria, Egypt, Syria (Aleppo), Italy (Bari), Slovenia (Brdo at Kranj, Ankarana), Hungary (Miskolc).

Starting from September 1st, the papers are expected to be sent in final electronic form to e-mail kancelarija@divk.org.rs. The deadline for submission is September 15th, 2009, and the instructions for preparing papers can be found on the NT2F9 web site <http://nt2f9.tmf.bg.ac.rs>.

Seminars

Two seminars are under consideration.

The first one, “Manufacture and in-service integrity of pre-insulated pipes for heating pipelines” is in preparing with Belgrade Power Plants, according to the program defined by Tomislav Kovačević and Vasilije Sarić. The course is dedicated to employees of supervision services (inspectors and controllers).

The second seminar, “Tensile testing of metallic materials”, under preparation by DIVK and IMS, is dedicated to metrology and mechanical testing laboratory experts. The theoretical part of the seminar is planned at IMS, and training will be organized at IMS, VTI and TMF. For the seminar program development and its organization are engaged by Stojan Sedmak, Dejan Momčilović, Mladen Mladenović, Zijah Burzić and Milorad Zrilić.

ESIS members 2009

1.	Adžiev Gorgi	20.	Hadžikadunić Fuad	39.	Momčilović Dejan	58.	Trišović Nataša
2.	Adžiev Todor	21.	Ilić Nada	40.	Ognjanović Milosav	59.	Vratnica Maja
3.	Anđelić Biljana	22.	Islamović Fadil	41.	Pavišić Miodrag	60.	Vuherer Tomaž
4.	Anđelić Nina	23.	Jaković Dragan	42.	Prokić-Cvetković Radica	61.	Vukojević Nedeljko
5.	Angelova Donka	24.	Jakovljević Aleksandar	43.	Radaković Zoran	62.	Yordanova Rozina
6.	Arsić Miodrag	25.	Janjić Bojan	44.	Radović Nenad	63.	Zrilić Milorad
7.	Bakić Gordana	26.	Janković Ksenija	45.	Rajičić Bratislav	64.	Zrnić Nenad
8.	Bobić Ilija	27.	Kurai Jano	46.	Rakin Marko	65.	Živković Aleksandar
9.	Bojić Katarina	28.	Kutin Marina	47.	Sarić Vasilije		
10.	Burzić Meri	29.	Lozanović Jasmina	48.	Sedmak Aleksandar		
11.	Burzić Zijah	30.	Maksimović Stevan	49.	Sedmak Stojan		
12.	Cvijović Zorica	31.	Mandić Gordan	50.	Stašević Milenko		
13.	Đekić Slobodan	32.	Maneski Taško	51.	Svetel Igor		
14.	Đorđević Predrag	33.	Manjgo Mersida	52.	Šarkočević Živče		
15.	Đukić Miloš	34.	Milošević-Mitić Vesna	53.	Šijački-Žeravčić Vera		
16.	Filipović Nadežda	35.	Milović Ljubica	54.	Štrbački Svetlana		
17.	Gačo Dženana	36.	Milutinović Zlatan	55.	Štrbački Živko		
18.	Gubeljak Nenad	37.	Mitrović Nenad	56.	Šumarac Dragoslav		
19.	Grabulov Vencislav	38.	Mladenović Mladen	57.	Tomić Radoljub		

We invite you to take part at the
Ninth International Conference on

New Trends in FATIGUE and FRACTURE

NT2F9

“Failures of materials and structures by fatigue and fracture”

University of Belgrade

Faculty of Technology and Metallurgy (TMF) and the Faculty of Mechanical Engineering (MF)

Belgrade, 12 to 14 October 2009

Registration Form

I am interested in taking part at NT2F9 (mark please)

As an author

As a participant

Name:

Affiliation and address for correspondence:

E-mail:

Phone:

Fax:

Date

Signature

Send to:

**Faculty of Technology and Metallurgy
Karnegijeva 4
11 000 Belgrade, Serbia**

Further information is available at:

URL: <http://nt2f9.tmf.bg.ac.rs>

E-mail: kancelarija@divk.org.rs