

На основу чл. 44. Статута Техничког факултета у Бору, Наставно-научно веће Факултета, на седници одржаној 23. 02. 2012. године, донело је

## ОДЛУКУ

**I** Усваја се Извештај Комисије за обезбеђење и унапређење квалитета о оцени НИР-а у 2011. години.

**II** Извештај Комисије за обезбеђење и унапређење квалитета о оцени НИР-а у 2011. години, саставни је део ове Одлуке.

**Достављено:**

- продекану за НИР
- председнику Комисије за обезбеђење и унапређење квалитета
- архиви

ПРЕДСЕДНИК  
НАСТАВНО-НАУЧНОГ ВЕЋА



ДЕКАН

Проф. др Милан Антонијевић

Na osnovu čl.7 Pravilnika o vrednovanju rezultata naučnog rada nastavnika i saradnika Tehničkog fakulteta u Boru Univerziteta u Beogradu, Komisija za obezbedjenje i unapredjenje kvaliteta uradila je ocenu kvaliteta naučnog rada nastavnika i saradnika Fakulteta u 2011 godini i Nastavno-naučnom veću podnosi sledeći

## **I Z V E Š T A J**

### **I. OPŠTI DEO**

U okviru Komisije za obezbedjenje i unapredjenje kvaliteta, Prodekan za naučno-istraživački rad i međunarodnu saradnju Prof. dr Dragana Živković, prikupila je podatke od nastavnika i saradnika sa Fakulteta o rezultatima NIR-a u 2011. godini, Prodekan za NIR sačinila je detaljan izveštaj o svim rezultatima i angažovanjima u oblasti NIR-a i međunarodne saradnje na Fakultetu tokom 2011. godine (Prilog 2). Komisija je u skladu sa čl.5 Pravilnika o vrednovanju rezultata naučno-istraživačkog rada nastavnika i saradnika Tehničkog fakulteta u Boru izdvojila elemente iz izveštaja resornog prodekana za ocenu kvaliteta naučnog rada na Fakultetu tokom 2011. godine.

#### **I. Publikovani rezultati**

- 1.1. Publikovani rezultati u časopisima sa IF (Kategorija M21 – M23)
- 1.2. Publikovani rezultati u međunarodnim časopisima bez IF (Kategorija M24)
- 1.3. Publikovani radovi u međunarodnim časopisima bez IF
- 1.4. Publikovani rezultati u časopisima kategorije M 50 (M51-M53)
- 1.5. Publikovana poglavlja u monografijama međunarodnog značaja
- 1.6. Publikovana poglavlja u monografijama nacionalnog značaja
- 1.7. Publikovane monografije nacionalnog značaja
- 1.8. Publikovani udžbenici
- 1.9. Saopšteni radovi na međunarodnim konferencijama
- 1.10. Saopšteni radovi na nacionalnim konferencijama
- 1.11. CITIRANOST u časopisima sa SCI liste (SCOPUS rezultati)

#### **II Učešće u projektima**

- 2.1. Učešće na međunarodnim projektima
- 2.2. Učešće na projektima koje finansira Ministarstvo nauke i prosvete Republike Srbije
- 2.3. Učešće na projektima koje finansira privreda

### **II. POSEBNI DEO**

U skladu sa čl. 7 Pravilnika o vrednovanju kvaliteta naučno-istraživačkog rada, Komisija, na osnovu podataka koji su dati u prilogu - 2 ovog Izveštaja, izdvaja kvantitativne elemente koji proizilaze iz navedenih podataka.

## **1. Publikovani naučni rezultati u relevantnim publikacijama, saopšteni radovi, monografije udžbenici i CITIRANOST**

- 1.1. Tokom 2011. godine nastavnici i saradnici Fakulteta publikovali su ukupno 58 radova u časopisima sa IF ( 9 – M21; 22- M22 i 28 – M23)u kojima sa kao autori ili koautori javljaju 30 autora sa Fakulteta.
- 1.2. U časopisima kategorije M24 nastavnici i saradnici publikovali su tokom 2011.god. 2 rada u kojima su 7 autora i koautora sa Fakulteta
- 1.3. U međunarodnim časopisima bez IF publikovano je 10 radova u kojima je autora i koautora sa Fakulteta.
- 1.4. U nacionalnim časopisima kategorije M51 , M52 i M 53 publikovano je ukupno 35 radova od strane 31 autora ili koautoira sa Fakulteta
- 1.5. Poglavlja u monografijama međunarodnog značaja M 13 i M 14 ukupno 12 naslova u kojima učestvuje 15 nastavnika i saradnika sa Fakulteta.
- 1.6. Publikovano je 3 poglavlja u monografijama nacionalnog značaja od strane 4 autora i koautora sa Fakulteta .
- 1.7. Publikovano je ukupno 5 monografija nacionalnog značaja u kojima sa javlja 9 autora i koautora sa Fakulteta
- 1.8. Publikovano je 5 udžbenika i pomoćnih udžbenika od strane 8 autora i koautora sa Fakulteta
- 1.9. Na konferencijama međunarodnog značaja saopšteno je 179 saopštenja od strane 62 autora ili koautora sa Fakulteta
- 1.10. Na konferencijama nacionalnog značaja saopšteno je 77 radova od strane 55 autora i koautora sa Fakulteta.
- 1.10. CITIRANOST u 2011. godini. U toku predhodne 2011. godine 77 radova autora sa Fakulteta citirano je 157 puta. U navedenim citatima učestvovalo je 33 nastavnika i saradnika Fakulteta.

## **2. Učešće u projektima**

- 2.1. U toku 2011. godine nastavnici i saradnici učestvuju u realizaciji 7 međunarodnih projekata
- 2.2. U periodu 2010-2014. godine Fakultet učestvuje u realizaciji 26 projekata koje koje finansira Ministarstvo za nauku i prosvetu Republike Srbije, od čega :
  - a) U projektima osnovnih istraživanja, 9 projekata od čega za 2 projekta je koordinator Tehnički fakultet u Boru. Na ovim projektima učestvuje 20 istraživača. Potrebno je naglasiti da je u selekciji ove vrste projekata učestvovalo 395 projekata, a projekat 172037 (rukovodilac Prof. dr Dragana Živković) zauzeo je četvrto mesto u konkurenciji u svim

oblastima OI, a u kategoriji projekata iz oblasti hemije zauzeo je prvo mesto.

- b) U projektima kategorije tehnološkog razvoja Fakultet učestvuje u ukupno 14 projekata od toga za 3 projekta koordinator je Tehnički fakultet u Boru. Na ovim projektima učestvuje 44 istraživača sa Fakulteta.
- c) Na projektima kategorije III Fakultet učestvuje na ukupno 4 projekata sa 9 istraživača.

2.3. Na projektima za privredu Fakultet je u 2011 godini učestvovao u realizaciji 9 projekata.

### III ZAKLJUČCI

1. S obzirom da se kvalitet naučno-istraživačkog rada meri preko broja publikovanih radova u časopisima sa IF kao i ostvarenim citatima (prema SCOPUS-u), dobijeni rezultati tokom 2011. godine na Fakultetu mogu se oceniti kao izuzetno uspešni. Ovaj zaključak se nameće posebno kada se dobijene brojke izraze po broju zaposlenih nastavnika. Dobijeni rezultat je među najboljim u Srbiji.
3. Na sl.1. u prilogu 1. prikazan je trend broja publikovanih radova, ostvarenih citata i broja nastavnika koji učestvuju u ovom rezultatu od 2007. godine od kada se ovi rezultati mere na Fakultetu. Dobijeni rezultat pokazuje trend pozitivnog rasta. Ova činjenica ohrabruje zato što stvara osnovne pretpostavke za uvećanje kompetencija zaposlenih i rejtinga Fakulteta kako u Srbiji tako i u inostranstvu.
4. I dalje je prisutna činjenica da manje od 50% zaposlenih ostvaruje rezultate u kategoriji M20, što je osnovni uslov za izbor u zvanje , odbranu doktorske disertacije i organizovanje doktorskih studija. Na pojedinim katedrama gde se ostvaruju ispodprosečni rezultati potrebno je u narednom periodu uložiti znatno više napora u cilju ostvarivanja rezultata u kategoriji M20 i dobijanju prvih citata.
5. Zadovoljavajuće angažovanje na projektima 2010 – 2014 obavezuje sve istraživače da ostvare očekivane rezultate kako bi za naredni ciklus 2014-2018 imali što bolju startnu poziciju.

U Boru, februara 2011. godine

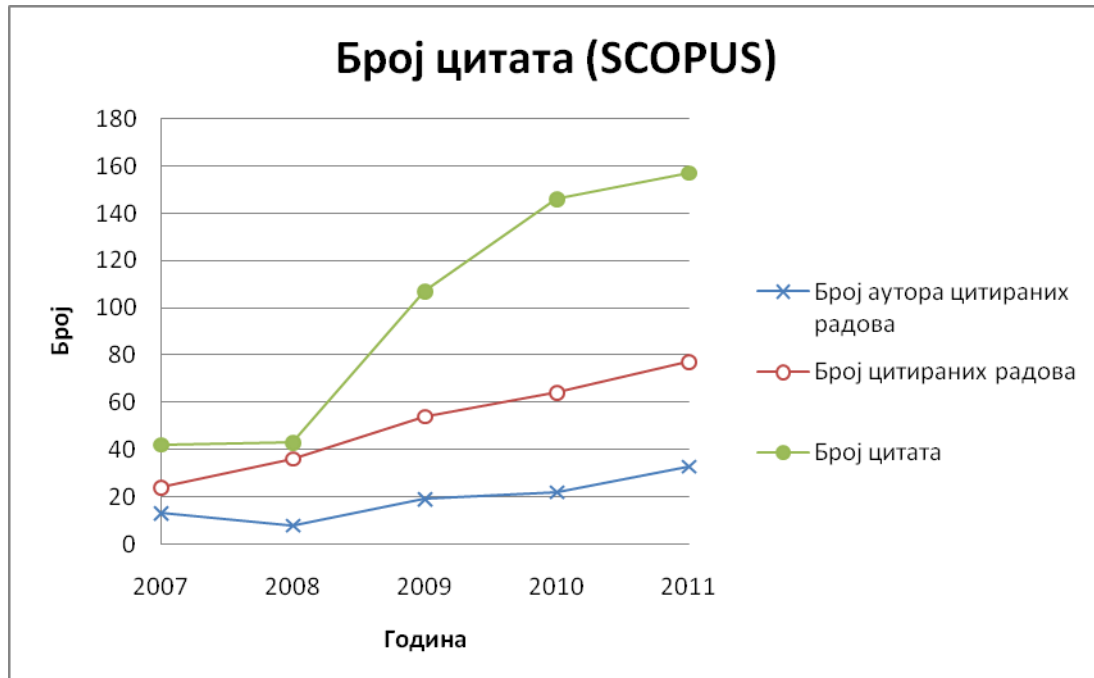
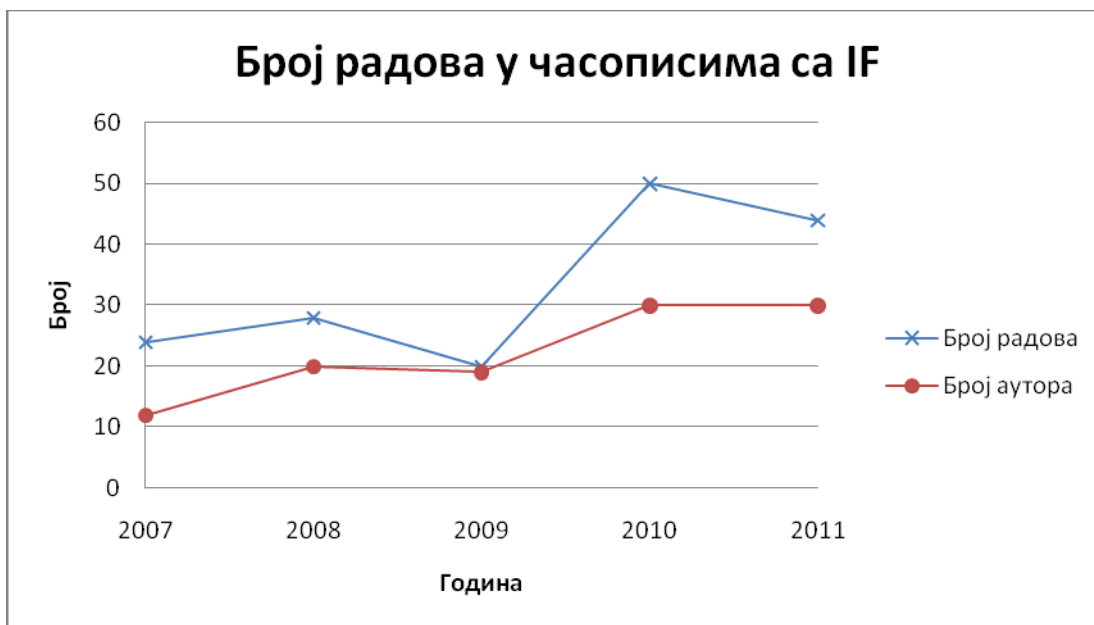
Predsednik Komisije  
za obezbedjenje i unapredjenje kvaliteta  
Prof. Dr Živan Živković

Prilog 1. Grafički prikaz rezultata  
Prilog 2. Izveštaj Prodekana za NIR i  
međunarodnu saradnju

Dostavljeno:

- 1x Nastavno-naučnom veću
- 1x Arhivi Fakulteta
- 1x arhivi Komisije

## ПРИЛОГ 1



**I Z V E Š T A J O R A D U**  
**U OBLASTI NIR-A I MEDJUNARODNE SARADNJE NA UB, TF BOR**  
**TOKOM 2011. GODINE**

**O S N O V N I P O D A C I**

Izveštaj o radu u oblasti NIR-a i medjunarodne saradnje na Tehničkom fakultetu u Boru za 2011. godinu obuhvata nekoliko segmenata:

- Spisak referenci i citata nastavnika i saradnika Fakulteta
- Spisak projekata na kojima su uključeni nastavnici i saradnici Fakulteta
- Spisak aktivnosti u okviru medjunarodne saradnje Fakulteta
- Spisak naučnih skupova u organizaciji Fakulteta
- Spisak aktivnosti u izdavačkoj delatnosti Fakulteta

Imajući u vidu elemente za ocenjivanje kvaliteta naučnog rada, na osnovu čl.7 Pravilnika o vrednovanju rezultata naučnog rada nastavnika i saradnika Tehničkog fakulteta u Boru, a prema uvidu u rezultate NIR-a na TF Bor tokom 2011. godine, predstavljenih u prilogu datom u produžetku ovog teksta, mogu se izvući *osnovni podaci*:

1. Publikovani radovi u medjunarodnim časopisima sa JCR liste kategorije M10+M20: **12+46 = 58 radova**
2. Publikovani radovi u medjunarodnim časopisima van JCR liste: **10 radova**
3. Publikovani radovi u nacionalnim časopisima kategorije M50: **35 radova**
4. Citiranost u 2011. godini: **77 radova citirano ukupno 157 puta**
5. Publikovane monografije, zbornici radova, udžbenici: **2** monografije nacionalnog značaja kategorije M40, **3** zbornika sa medjunarodnih naučnih skupova kategorije M30, **3** zbornika sa skupova nacionalnog značaja kategorije M60 i **5** udžbenika
6. Angažovanje na projektima:
  - 6.1. Međunarodni projekti: **7** (1 iz programa COST, 2 iz programa TEMPUS, 1 iz programa IPA/HETIP, 1 iz programa DAAD, 1 iz programa bilateralne saradnje, 1 iz programa SCOPES )
  - 6.2. Projekti kod Ministarstva prosvete i nauke R. Srbije: **26** (4 III, 9 OI, 13 TR; od toga 5 projekata na kojima su rukovodioci istraživači sa TF Bor)
  - 6.3. Projekti za privredu: **9**
  - 6.4. Ostali projekti: **3**

Medjutim, najznačajnije dešavanje u ovom domenu u prethodnoj godini je **donošenje Odluke o akreditaciji TF Bor kao NIO**, što je prikazano na sledećoj slici:



Република Србија  
**МИНИСТАРСТВО ЗА НАУКУ И  
ТЕХНОЛОШКИ РАЗВОЈ**  
Одбор за акредитацију  
научноистраживачких организација  
Број: 021-01-17/1  
08.03.2011. године  
Београд

ТЕХНИЧКИ ФАКУЛТЕТ У БОРУ			
PRIMLJENO: 23.03.2012			
Org. jed.	Broj	Prilog	Vrednost
I/1	78		

На основу члана 18. став 1. тачка 2 Закона о научноистраживачкој делатности („Службени гласник РС”, број 110/05, 50/06 – исправка и 18/10) и основу члана 5. и 10. Правилника о вредновању научноистраживачког рада и поступку акредитације научноистраживачких организација („Службени гласник РС”, број 90/06), а на захтев Техничког факултета у Бору, Улица војске Југославије број 12, број захтева: I/I-13 од 11.01.2011 године,

Одбор за акредитацију научноистраживачких организација доноси

### ОДЛУКУ

**1. АКРЕДИТУЈЕ СЕ ТЕХНИЧКИ ФАКУЛТЕТ У БОРУ**, Улица војске Југославије број 12, као државни факултет у области техничко-технолошких наука – металургија, рударство, технологија и менаџмент, за обављање научноистраживачке делатности јер испуњава услове прописане у чл. 5. и 10. Правилника о вредновању научноистраживачког рада и поступку акредитације научноистраживачких организација („Службени гласник РС”, број 90/06).

**2.** Ову одлуку доставити Министарству ради уписа у Регистар научноистраживачких организација и факултету, подносиоцу захтева за акредитацију.

### Образложење

ТЕХНИЧКИ ФАКУЛТЕТ У БОРУ, Улица војске Југославије број 12, (у даљем тексту: Факултет) поднео је Министарству за науку и технолошки развој - Одбору за акредитацију научноистраживачких организација захтев за акредитацију и оцену о испуњености услова за обављање научноистраживачке делатности од општег интереса, у складу са Правилником о вредновању научноистраживачког рада и поступку акредитације научноистраживачких организација („Службени гласник РС”, број 90/06) (у даљем тексту: Правилник) и у складу са Законом о научноистраживачкој делатности („Службени гласник РС”, број 110/05, 50/06 – исправка и 18/10) (у даљем тексту: Закон).

Уз захтев, Факултет је доставио прописану документацију.

Разматрајући захтев Факултета, и увидом у приложену документацију, утврђено је следеће:

Технички факултет у Бору испуњава све критеријуме из члана 5. став 1. тачке 1. до 13. Правилника о вредновању научноистраживачког рада и поступку акредитације научноистраживачких организација и има:

- број научноистраживачких пројеката реализованих у последње 4 године а које је финансирало Министарство; број научноистраживачких пројеката чије је

- реализовање у току; пројекте које је реализовао у оквиру међународне научне сарадње, у сарадњи са привредом или на тржишту као и квалитет пројеката чија је реализација у току изражен коефицијентом који је утврдило Министарство.
- структуру истраживача; најзначајније научноистраживачке резултате у последњих 5 година на пројектима које је (су)финансирало Министарство; најзначајније резултате остварене у међународним пројектима у последњих 5 година; најзначајније резултате пројеката остварене у сарадњи са привредом и на тржишту, односно примењене резултате у привреди и комерцијализоване на тржишту.
  - издавачку делатност (периодичне и монографске публикације); одговарајући простор; вредну и квалитетну опрему према врстама истраживања и број истраживача; научно информативну документацију (домаћа и страна научна периодика и монографска дела).

ТЕХНИЧКИ ФАКУЛТЕТ У БОРУ испуњава и критеријуме из члана 10. Правилника о вредновању научноистраживачког рада и поступку акредитације научноистраживачких организација:

1. поседује решење о испуњености услова за почетак рада и обављање делатности издато од стране министарства надлежног за високо образовање;
2. уписан је у регистар високошколских установа који води министарство надлежно за високо образовање;
3. има дозволу за рад издату од стране министарства надлежног за високо образовање;
4. има 70% наставника у радном односу са пуним радним временом од укупног броја предмета за сваки акредитовани студијски програм - 36 наставника (14 редовних професора, 8 ванредних и 14 доцента);
5. има одговарајући простор и опрему за обављање научноистраживачког рада, које утврђује одговарајући стручни тим Одбора за акредитацију у складу са прихваћеним стандардима и нормативима за сваку област научноистраживачког рада;
6. има програм научноистраживачког рада;
7. има програм развоја научноистраживачког подмлатка;
8. има научно - информативну документацију или библиотечко - информациони центар;
9. обавља трансфер знања и технологија;
10. резултатима научноистраживачког рада доприноси развоју науке, односно доприноси општем фонду знања.

Имајући у виду напред наведене чињенице, одлучено је као у диспозитиву ове одлуке.

#### ПОУКА О ПРАВНОМ ЛЕКУ:

Факултет из тачке 1. ове одлуке, односно оснивач наведеног факултета има право да поднесе жалбу Националном савету за научни и технолошки развој у року од 30 дана од дана пријема Одлуке о акредитацији.

ПРЕДСЕДНИК  
ОДБОРА ЗА АКРЕДИТАЦИЈУ  
НАУЧНОИСТРАЖИВАЧКИХ ОРГАНИЗАЦИЈА

Академик проф. емеритус др Љубомир Максимовић





Ovim aktom, stečen je prvi i osnovni potreban uslov za predstojeću samoevaluaciju i novu akreditaciju TF Bor kao visokoškolske ustanove, kao i akreditaciju studijskih programa.

Zbirni prikaz rezultata NIR-a dat je u sledećoj tabeli:

<b>NIR&amp;MS rezultati 2011. – PREGLED ZA UB - TF BOR</b>		
<b>Tip rezultata/ kategorija prema MPN</b>	<b>Broj ostvarenih rezultata</b>	<b>UKUPNO</b>
<b>M13</b>	8	<b>M10 - 12</b>
<b>M14</b>	4	
<b>M21</b>	9	<b>M20 - 46</b>
<b>M22</b>	7	
<b>M23</b>	28	
<b>M24</b>	2	
<b>M51</b>	6	<b>M50 - 35</b>
<b>M52</b>	22	
<b>M53</b>	7	
<b>M56</b>	1	
<b>M42</b>	5	<b>M40 - 8</b>
<b>M45</b>	3	
<b>M31</b>	1	<b>M30 - 179</b>
<b>M33</b>	144	
<b>M34</b>	31	
<b>M36</b>	3	
<b>M61</b>	1	<b>M60 - 79</b>
<b>M63</b>	54	
<b>M64</b>	22	
<b>M66</b>	2	
<b>M71</b>	1	<b>M71 - 1</b>
<b>M82</b>	2	<b>M82 - 2</b>
<b>Radovi van JCR</b>	10	<b>10</b>
<b>Udžbenici</b>	5	<b>5</b>
<b>Citiranost</b>	77 radova 157 puta	<b>77 radova 157 puta</b>
<b>Međunarodni projekti</b>	7	<b>7</b>
<b>Projekti finansirani od MPN RS</b>	26	<b>26</b>
<b>Projekti finansirani od privrede i ostali projekti</b>	12	<b>12</b>
<b>Studijski boravci</b>	19 nastavnika i saradnika / 16 poseta	<b>19 nastavnika i saradnika / 16 poseta</b>
<b>Organizovani naučni skupovi</b>	5	<b>5</b>
<b>Publikovani časopisi</b>	4	<b>4</b>

Ovakav prikaz ukazuje na brojne rezultate NIR-a koje su nastavnici i saradnici Tehničkog fakulteta u Boru ostvarili tokom 2011. godine. Uočava se pozitivan trend učešća sve većeg broja

istraživača u različitim oblicima aktivnosti NIR-a, posebno u smislu publikovanja radova u časopisima M20 kategorije i citiranosti, kao i ravnomernija prisutnost autora sa svih studijskih programa u pomenutim aktivnostima u odnosu na raniji period, a što se može smatrati rezultatom uvođenja standarda kvaliteta kroz akreditacioni proces, kao i stalnog pooštavanja kriterijuma izbora u nastavna zvanja.

Protekle godinu obeležio je i početak novog projektnog ciklusa kod Ministarstva prosvete i nauke, koji je započeo sa zakašnjenjem zbog gašenja ranije postojećeg Ministarstva za nauku i tehnološki razvoj, uz izrazite probleme izazvane nezavidnom materijalno-finansijskom situacijom vezano kako za globalni recesioni status, tako i za realne prilike minimalnog izdvajanja sredstava za nauku iz budžeta u našoj zemlji. Sredstva za DMT su kasnila, oprema koja je odobrena određenim projektima, kao i materijal za rad, nisu stigli u toku prve istraživačke godine, što se odrazilo i na projektne aktivnosti i uticalo na to da se predviđeni plan aktivnosti odvija usporeno i bez značajnijih rezultata.

TF Bor je i ove godine imao brojna dešavanja na planu međunarodne saradnje. Kao i svake godine, potpisani su bilateralni sporazumi i ugovori o poslovno-tehničkoj saradnji sa relevantnim visokoškolskim organizacijama, naučnim institutima i drugim ustanovama iz srodnih oblasti, nastavljen je uspešan rad akademskih mreža u kojima je TF Bor aktivan partner (Resita Network, MetNet, EURAXESS mreža), a kroz započete međunarodne projekte ostvareni su važni kontakti sa respektabilnim evropskim akademskim i naučnim institucijama, što je stvorilo povoljnu klimu za razvoj daljih aktivnosti u smislu međunarodne razmene studenata i nastavnog osoblja. Beleži se veći broj organizovanih poseta doktorskih studenata i nastavnika TF Bor partnerskim fakultetima u inostranstvu u odnosu na protekli period, kao i poseta nastavnika sa inostranih univerziteta na TF Bor, među kojima i pojedinih uvaženih svetskih imena. Ovo je trend koji dalje treba podržavati i razvijati.

Mora se posebno istaći i uspeh koji je tokom 2011.godine postigao časopis **Journal of Mining and Metallurgy - Section B: Metallurgy**, a čiji je TF Bor izdavač. Nakon uspešnog starta na SCIEExpanded listi 2007. godine i izlaska na JCR listu 2009. godine, kada beleži IF=0.548 (29/70 u oblasti Metallurgical Engineering) i biva klasifikovan kao časopis M22 prema kategorizaciji MPN, u protekloj godini JMM-B beleži svoj do sada najveći uspeh – IF= 1.294 (12/76 u oblasti Metallurgical Engineering) i klasifikuje se, prema MPN, kao vrhunski međunarodni časopis M21 kategorije, koji je u svojoj disciplini svrstan među prvih 30% u svetu. U dosadašnjih 50 godina, ovo se može smatrati najvećim izdavački uspehom našeg fakulteta. Naravno, da bi se to održalo neophodno je nastaviti kontinuirano sa aktivnostima koje će doprineti daljem podizanju kvaliteta i uticajnosti JMM-B. Ostala tri časopisa koja se izdaju na TF Bor – Journal of Mining and Metallurgy, Section A: Mining (M52), Serbian Journal of Management (M24) i Reciklaža i održivi razvoj (za sad bez klasifikacije) nastavljaju dobrim tempom dalje i očekuje se da uskoro poboljšaju svoje pozicije na listama kategorizacije časopisa.

Tokom protekle godine, fakultet je uspješno organizovao i 5 naučnih skupova – tri međunarodna skupa: *43<sup>rd</sup> International October Conference on Mining and Metallurgy - IOC 2011*, *XIX International Scientific and Professional Meeting "Ecological Truth" ECO-IST 2011*, i po prvi put, u zajedničkoj organizaciji sa Mašinskim fakultetom Univerziteta u Zenici (BiH) i University of Applied Sciences Trier, Environmental Campus Birkenfeld (Germany) *1<sup>st</sup> International Symposium on Environmental and Materials Flow Management – EMFM 2011*; i dva nacionalna skupa sa međunarodnim učešćem: 7. Majska konferencija o strategijskom menadžmentu-MKSM2011 i 6. Simpozijum Reciklažne tehnologije i održivi razvoj - SRTOR2011.

Na osnovu izloženog, može se smatrati da su rezultati u oblasti NIR-a i međunarodne saradnje tokom 2011. godine bili zadovoljavajući, ali da svakako treba raditi na tome da se stvore uslovi kako bi se u narednom periodu dalje unapredili i poboljšali.

I na samom kraju, moram da izrazim lično zadovoljstvo što je tokom prethodne, jubilarne godine u kojoj smo slavili 50 godina obrazovanja i nauke na Tehničkom fakultetu u Boru, odradjena puna sistematizacija i klasifikacija publikovanih radova zaposlenih na TF Bor u međunarodnim časopisima, kao i projekata uradjenih na TF Bor, u periodu od 1961 - 2011. godine, što se može smatrati poduhvatom vrednim pažnje. U tom smislu, treba pomenuti i monografiju štampanu tim povodom, koja je za sada jedinstvena riznica celokupnih aktivnosti u NIR-u postignutih od osnivanja fakulteta do danas.

Podnosilac izveštaja:



**Prof. dr Dragana Živković**  
Prodekan za NIR&MS TF Bor

U Boru,  
1. februar 2012. godine

*NAPOMENA: Želela bih da u okviru ovog izveštaja posebno istaknem trud i zalaganje kolegice Ass. Aleksandre Mitovski, koji je dala značajan doprinos u sredjivanju i upotpunjivanju ovog izveštaja, kao i nesebičnu asistenciju mladih koleginica - volonterki MSc Milice Niculovic i MSc Sanje Gorgievski, koje su pomogle da se prikupi do sad jedinstvena gradja o publikovanim radovima i uradjenim projektima na TF Bor u periodu 1961-2011. godina. Takodje, koristim priliku da se zahvalim svim šefovima odseka i svim kolegama na saradnji i propmptnosti u slanju izveštaja vezano za rezultate NIR-a u 2011. godini.*

# GODIŠNJI IZVEŠTAJ O REZULTATIMA NIR-A ZA UB, TF BOR

## 2011. GODINA

**I. Publikovani radovi u međunarodnim časopisima sa JCR liste u okviru kategorije M20:  $\Sigma$  46**

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**Σ 35**

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#### 10. Učešće na međunarodnim projektima:

**Σ 7**

1. **COST MP0602 – Advanced Solder Materials for High Temperature Application – their nature, design, process and control in a multiscale domain, 2007-2011**, istraživači sa Fakulteta: prof. dr Dragana Živković, doc. dr Dragan Manasijević
2. **54622398 DAAD Academic Reconstruction South Eastern Europe programme: Resita Network - Innovation and Entrepreneurship, 2008-2012**, učesnici na projektu: University of applied sciences Wormes, Germany; University of Trier, Germany; University of Salzburg, Austria; GEA College Ljubljana, Slovenia; University of Zenica, BiH; University Eftimie Murgu Resita, Romania; University of Belgrade, Technical Faculty in Bor, Serbia; University

of Rousse, Bulgaria; University of Bucharest, Romania; University of Montenegro Podgorica, Montenegro; Politechnical University Timisoara, Romania, Open American College Skopje, Macedonia, University of Tirana, Albania, koordinatori ispred TF Bor – prof. dr Dragana Živković, prof. dr Živan Živković, doc. dr Ivan Mihajlović

3. **31 511044-TEMPUS-1-2010-1 - Modernisation of Post-Graduate Studies in Chemistry and Chemistry Related Programmes – MCHM, 2010-2013**, coordinator: Prof. Steven Leharne, University of Greenwich, School of Science (UK), učesnici na projektu: Univerzitet u BGD, Univerzitet Niš, Univerzitet NS, Univerzitet KG, RWTH Aachen University (Germany), Brno University of Technology (Czech Republic), University of Nova Gorica (Slovenia), University Lower Danube in Galati (Romania), koordinatori ispred TF Bor – prof. dr Dragana Živković, prof. dr Milan Antonijević
4. **37 511001-TEMPUS-1-2010-1 - Development of Environment and Resources Engineering Learning - DEREL, 2010-2013**, coordinator: Prof. Stefano Manetli, Università degli Studi di Firenze – Facoltà di Ingegneria, UNIFI (Italy), učesnici na projektu: JPCR AL(4), MK (5), RS (5) AT, DE, GR, IT, koordinatori ispred TF Bor – prof. dr Milan Trumić, prof. dr Milan Antonijević
5. **Program bilateralne saradnje Srbije i Kine– Thermodynamic investigation of Zn-Al-Me (Me=Ni,Ge,Fe) systems via comparative approach – first-principles calculation, CALPHAD and key experiments, 2011-2012**, istraživači sa Fakulteta: prof. dr Dragana Živković, rukovodilac, prof. dr Živan Živković, doc. dr Dragan Manasijević, ass. Ljubiša Balanović, ass. Aleksandra Mitovski
6. **IPA-HETIP Infrastrukturni program za visoko obrazovanje – Obnova nastavnih zgrada i nabavka nastavne i istraživačke opreme na Tehničkom fakultetu u Boru (projekat u toku)**, koordinatori ispred TF Bor – prof. dr Dragana Živković, prof. dr Milan Antonijević
7. **SCOPES IZ73Z0\_128089: Metal transport and ore deposition: The geology, geochemistry and geodynamic setting of mineral resources in Serbia, Macedonia and Bulgaria. 2009-2012: Rukovodilac Projekta prof. dr Vladica Cvetković, Rudarsko-geološki fakultet, Beograd, istraživači sa Fakulteta: Doc.dr M. Banješević**

11. Učešće na projektima koje finansira Ministarstvo prosvete i nauke Republike Srbije:

Σ 26

### Spisak odobrenih i finansiranih nacionalnih projekata kod MPN RS za period 2011-2014. godina:

Red. br.	Naziv projekta	Istraživači	Oblast	Broj projekta	Nosilac Koordinator	Rukovodilac
1.	``Razvoj tehnologija flotacijske prerade ruda bakra i plemenitih metala radi postizanja boljih tehnoloških rezultata``	dr Zoran Marković, red. profesor mr Zoran Štirbanović, asistent	TR	33023 (225/275)	Institut za rudarstvo i metalurgiju Bor	dr Dragan Milanović, naučni saradnik
2.	``Monitoring elektromagnetnih zračenja mobilnih telekomunikacionih sistema u životnoj sredini, analiza molekularnih mehanizama i biomarkera oštećenja kod hronične izloženosti sa razvojem modela za procenu rizika i metoda za zaštitu od zračenja``	dr Čedomir Maluckov, docent	III	43012 (24/110)	Medicinski fakultet u Nišu	dr Dušan Sokolović, docent

3.	``Zajednička istraživanja i uticaja jonizujućeg i UV zračenja u oblasti medicine i zaštite životne sredine``	dr Čedomir Maluckov, docent	III	43011 (58/110)	Elektronski fakultet u Nišu	dr Goran Ristić, red. profesor
4.	``Magmatizam i geodinamika balkanskog poluostrva od mezozoika do danas: značaj za obrazovanje metaličnih i nemetalčnih rudnih ležišta``	dr Miodrag Banješević, docent	OI	176016 (130/395)	Rudarsko-geološki fakultet u Beogradu	dr Vladica Cvetković, redovni profesor
5.	``Virtuelni koštano zglobovi sistema i njegova primena u predkliničkoj i kliničkoj praksi``	dr Dejan Tanikić, docent Dalibor Đenadić, asistent	III	41017 (69/110)	Mašinski fakultet u Nišu	dr Miroslav Trajanović, redovni profesor
6.	``Minerali Srbije: Sastav, geneza, primena i doprinos održavanju životne sredine``	mr Mira Cocić, asistent	OI	176010 (387/395)	Rudarsko-geološki fakultet u Beogradu	dr Mihovil Logar, red. profesor
7.	``Nov pristup dizajniranju materijala za konverziju i skladištenje energije``	dr Mirjana Rajčić – Vujasinović, red. profesor dr Zoran Stević, van. profesor mr Vesna Grekulović, asistent	OI	172060 (38/395)	Institut za hemiju, tehnologiju i metalurgiju u Beogradu	dr Amalija Tripković, naučni savetnik
8.	``Uticaj rudarskog otpada iz RTB-a Bor na zagađenje vodotokova sa predlogom mera i postupaka za smanjenje štetnog dejstva na životnu sredinu``	mr Dejan Antić, asistent	TP	37001 (105/275)	Institut za rudarstvo i metalurgiju Bor	dr Mile Bugarin, viši naučni savetnik
9.	``Razvoj i primena distribuiranog sistema nadzora i upravljanja potrošnjom električne energije kod velikih potrošača``	mr Darko Brodić, asistent mr Vladimir Despotović, asistent	TR	33037 (163/275)	Institut za rudarstvo i metalurgiju Bor	dr Dragan Milivojević, naučni saradnik
10.	``Funkcionalna analiza, stohastička analiza i primene``	Dr Ivana Đolović, docent	OI	174007 (146/395)	Prirodno matematički fakultet u Nišu	dr Dragan Đorđević, redovni profesor
11.	``Razvoj naprednih materijala i tehnologija za multifunkcionalnu primenu zasnovanih na ekološkom znanju``	Vladimir Despotović, asistent dr Dejan Tanikić, docent	TR	34005 (128/275)	Institut za rudarstvo i metalurgiju Bor	dr Ana Kostov naučni savetnik
12.	``Razvoj tehnoloških procesa prerade nestandardnih koncentrata bakra u cilju optimizacije emisije zagađujućih materijala``	dr Nada Štrbac, redovni profesor dr Ivan Mihajlović, docent dr Milovan Vuković, vanredni profesor dr Dejan Bogdanović, docent	TR	34023 (50/275)	<b>Tehnički fakultet u Boru</b>	<b>dr Nada Štrbac, redovni profesor</b>

		Aleksandra Mitovski, asistent Milica Arsić, asist. Đorđe Nikolić, asist. Ivan Jovanović, asist. Isidora Đurić, asist.				
13.	``Razvoj novih i unapređenje postojećih tehnoloških postupaka proizvodnje tehničkih tekstilnih materijala``	dr Snežana Urošević, docent	TR	34020 (188/275)	Tehnološki fakultet u Leskovcu	dr Miodrag Stamenković, prof.
14.	``Neki aspekti rastvaranja metala i prirodnih minerala``	dr Milan Antonijević, red. prof. dr Snežana Milić, docent dr Grozdanka Bogdanović, docent dr Mile Dimitrijević, docent Marija Petrović, asistent Milan Radovanović, asistent Ana Stamenković, asistent Maja Trumić, asistent	OI	172031 (184/110)	<b>Tehnički fakultet u Boru</b>	<b>dr Milan Antonijević, redovni profesor</b>
15.	``Razvoj novih inkapsulacionih i enzimskih tehnologija za proizvodnju biokatalizatora i biološko aktivnih supstanci hrane u cilju povećanja njene konkurentnosti, kvaliteta i bezbednosti``	dr Snežana Šerbula, vanredni profesor dr Nenad Vušović, redovni profesor dr Slađana Alagić, docent dr Snežana Urošević, docent Ana Ilić, saradnik u nastavi Tanja Kalinović, saradnik u nastavi Jelena Strojčić, saradnik u nastavi	III	46010 (13/110)	Tehnološko metalurški fakultet u Beogradu Tehnički fakultet u Boru	dr Branko Bugarski, red.prof.
16.	``Implementacija savremenijih tehničko-tehnoloških i ekoloških rešenja u postojećim proizvodnim sistemima Rudnika bakra Bor i Rudnika bakra Majdanpek``	dr Rodoljub Stanojlović, red. prof. dr Zoran Marković, red.prof. dr Milan Trumić, vanr. prof. mr Jovica	TR	33007 (200/275)	Institut za tehnologiju nuklearnih i drugih mineralnih sirovina Beograd	dr Vladan Milošević, naučni saradnik



		Sokolović, asistent Zoran Štirbanović, asistent				
17.	``Savremeni višekomponentni metalni sistemi i nanostrukturni materijali sa različitim funkcionalnim svojstvima``	dr Dragana Živković, redovni profesor dr Živan Živković, redovni profesor dr Dragan Manasijević, docent Ljubiša Balanović, asistent	OI	172037 (4/395)	<b>Tehnički fakultet u Boru</b>	<b>dr Dragana Živković, redovni profesor</b>
18.	``Dinamika hibridnih sistema``	dr Jelena Đoković, docent	OI	174001 (268/395)	Matematički institut SANU Beograd	dr Katica (Stevanović) Hedrih, naučni savetnik
19.	``Razvoj tehnologije proizvodnje Rd katalizatora-hvatača za smanjenje gubitaka platine u visoko temperaturnim procesima katalize``	dr Saša Marjanović, asistent	TR	34029 (274/275)	Institut za rudarstvo i metalurgiju Bor	dr Biserka Trumić, viši naučni saradnik
20.	``Osvajanje proizvodnje livenih legura Cu-Au,Cu-Ag,Cu-Pt,Cu-Pd,Cu-Rh poboljšanih svojstava primenom mehanizma ojačavanja žarenjem``	dr Svetlana Nestorović, red.prof. dr Desimir Marković, red.prof. dr Dragoslav Gusković, red.prof. dr Ljubica Ivanić, red. prof. dr Svetlana Ivanov, van.prof. mr Ivana Marković, asistent mr. Saša Marjanović, asistent mr Vesna Grekulović, asistent mr Bata Marjanović, asistent	TR	34003 (192/275)	<b>Tehnički fakultet u Boru</b>	<b>dr Svetlana Nestorović, redovni profesor</b>
21.	``Razvoj ekoloških i energetski efikasnijih tehnologija za proizvodnju obojenih i plemenitih metala kombinacijom bioluženja, solventne ekstrakcije i elektrolitičke rafinacije``	dr Svetlana Ivanov, vanr. profesor	TR	34004 (257/275)	Institut za rudarstvo i metalurgiju Bor Tehnički fakultet u Boru	dr Vladimir Cvetkovski, naučni saradnik
22.	``Istraživanje i praćenje promena naponsko – deformacionog stanja u stenskom masivu ``IN SITU`` oko podzemnih prostorija sa izradom modela sa posebnim osvrtom na tunel kriveljske reke i jame Bor``	dr Vitomir Milić, redovni profesor	TR	33021 (265/275)	Institut za rudarstvo i metalurgiju Bor Tehnički fakultet u Boru	dr Milenko Ljubojev, naučni savetnik
23.	``Problemi nelinearne analize, teorije operato-ra, topologije i primene``	mr Darko Kocev, asistent	OI	174025 (197/395)	Prirodno matematički	dr Vladimir Rakočević, redovni

					fakultet u Nišu Tehnički fakultet u Boru	profesor
24.	“Usavršavanje tehnologije eksploatacije i prerade rude bakra sa monitoringom životne i radne sredine u RTB Bor-Grupa“	dr Radoje Pantović, vanredni profesor dr Nenad Vušović redovni profesor dr Vitomir Milić redovni profesor dr Miodrag Žikić, vanredni profesor dr Radmilo Nikolić redovni profesor dr Rodoljub Stanojlović redovni profesor dr Snežana Šerbula, vanredni profesor dr Miodrag Denić, docent dr Miodrag Banješević, docent mr Saša Stojadinović, asistent mr Igor Svrkota, asistent-pripravnik mr Jovica Sokolović, asistent mr Dejan Petrović, asistent Ana Ilić, saradnik u nastavi Tanja Kalinović, saradnik u nastavi Jelena Strojčić, saradnik u nastavi	TR	33038 (208/275)	<b>Tehnički fakultet u Boru</b>	<b>dr Nenad Vušović, redovni profesor</b>
25.	„Istraživanje mogućnosti primene AT (Advanced technology) višeće podgrade u rudnicima u cilju povećanja bezbednosti rada i efikasnosti proizvodnje“	dr Miodrag Denić, docent	TR	33025 (23/275)	Rudarsko- geološki fakultet u Beogradu Tehnički fakultet u Boru	dr Vojin Čokorilo, red. profesor
26.	„Održivost identiteta Srba i nacionalnih manjina u pograničnim opštinama Istočne i Jugoistočne Srbije „	dr Milovan Vuković, vanredni profesor Danijela Voza, asistent	OI	179013 (131/395)	Mašinski fakultet u Nišu Tehnički fakultet u Boru	dr Dragoljub Đorđević, red.prof.

## 12. Učešće na projektima koje finansiraju ostali subjekti (privreda i dr.):

**Σ 12**

### 1) spisak projekata sa privredom za 2011. godinu - 9

1. Tehnička kontrola”Dopunskog rudarskog projekta za trajnu obustavu radova u rudnim telima “Tilva Roš” i “P<sub>2</sub>A” i pogonske sigurnosti i kolektivne zaštite radnika u jami Bor”

2. Tehnički pregled rudarskih objekata, uređaja i instalacija za skladištenje eksplozivnih sredstava na rudniku olova i cinka "Rudnik", Rudnik, Gornji Milanovac
3. Tehnička kontrola DOPUNSKOG RUDARSKOG PROJEKTA TRANSPORTNOG SISTEMA ZA POVEZIVANJE PRIMARNE DROBILICE IZ SISTEMA ZA RUDNIČKU OTKRIVKU SA ODLAGAČEM ZA PRIMARNO IZDROBLJENU RUDU NA P. K. „VELIKI KRIVELJ, Investitor: RTB Bor-Grupa, DOO RBB, Projektant: Institut za rudarstvo i metalurgiju
4. Tehnička kontrola TEHNIČKOG PROJEKTA ZAMENE SISTEMA ZAŠTITE MREŽE 3 x 400/230 V 50 Hz TN-C/S, ZAŠTITNIM UZEMLJENJEM-IT SISTEMOM U JAMI RUDNIKA "LECE", Investitor: Koncer FARMAKOM MB, Šabac; Projektant: IDEA engineering DOO, Bor
5. Tehnička kontrola DOPUNSKOG RUDARSKOG PROJEKATA SNABDEVANJA ELEKTRIČNOM ENERGIJOM JAME RUDNIKA "LECE" UKLJUČUJUĆI POTREBU PRIKLJUČKA NOVIH POTROŠAČA, Investitor: Koncer FARMAKOM MB, Šabac; Projektant: RUDING, Beograd
6. Tehnička kontrola DOPUNSKOG RUDARSKOG PROJEKTA DROBILIČNOG POSTROJENJA U OKVIRU TRANSPORTNOG SISTEMA ZA TRANSPORT JALOVINE SA POVRŠINSKOG KOPA VELIKI KRIVELJ DO OTKOPANOG PROSTORA POVRŠINSKOG KOPA BOR, Investitor: RTB Bor-Grupa, DOO RBB; Projektant: Institut za rudarstvo i metalurgiju
7. Studija GODIŠNJE PROVERE STABILNOSTI KOSINA POVRŠINSKOG KOPA KREČNJAKA „PLANA“, Investitor: Srpska fabrika stakla ad, Paraćin
8. Ispitivanje strukture materijala kalupa za livenje zlata i metalografska analiza, br. VIII/3-1486 od 26. 12. 2011. godine; Investitor: DOO TIR Bor – Fabrika za proizvodnju plemenitih metala, Izvršilac: Tehnički fakultet Bor; Rukovodilac: Dr Svetlana Ivanov, vanr. prof., Tehnički fakultet Bor; Istraživači saradnici: Dr Dragoslav Gusković, red. prof., mr Bata Marjanović, asistent, mr Ivana Marković, asistent, Vinko Bogdanović, laborant, Ljubiša Radojković, laborant, Tehnički fakultet Bor.
9. Kontrola kvaliteta čeličnih kugli i šipki za mlevenje rude, rukovodilac: Desimir Marković, Investitor: Jugoinspekt Beograd-odeljenje Bor.

## **2) Ostali projekti na kojima su uključeni istraživači sa TF Bor - 3**

1. Projekat „Oplaneti se – Recikliraj“, realizaciju je obezbedio Balkanski fond za lokalne inicijative (BCIF) u saradnji sa Institutom za održive zajednice (ISC) i Mladim istraživačima Srbije, a uz finansijsku podršku Američke agencije za međunarodni razvoj (USAID) (Z. Damjanović)
2. Projekat "Zlatno dobra života", Društva za obrazovanje odraslih, u okviru projekta "Podrška civilnom društvu", finansira Evropska unija. (Z. Damjanović)

3. Projekat EKO NET, koji sprovodi austrijska organizacija za kulturnu saradnju "Kultur Kontakt" kreirala - seminar za Poslovni engleski koji se predaje u virtuelnim preduzećima u pilot odeljenjima ekonomskih škola u Srbiji (M. Manzalović)

**13. Mobilnost - studijski boravci ili posete naših nastavnika i saradnika drugim univerzitetima/institutima u inostranstvu, kao i posete inostranih stručnjaka Tehničkom fakultetu u Boru**

## **19 nastavnika i saradnika TF Bor obavilo 16 studijskih boravaka**

### **A. MOBILNOST U OKVIRU TEKUĆIH MEDJUNARODNIH PROJEKATA**

#### **1. DAAD projekat, RESITA Network "Entrepreneuership and Innovation":**

1. Workshop for Master Students on Business Plan Preparation, 18-23 September 2011, Timisoara, Romania. (A. Fedajev, I.Ilić)
2. Studijski boravak, Umwelt (Environmental) Campus Birkenfeld, Trier University of Applied Science, Germany, 04 – 17. 12. 2011. (D. Voza, N. Milijić)
3. Day and Night of Entrepreneurship, Angel Kunchev University, Rousse Bulgaria, 29 September – 01 October 2011 (D.Živković, N. Milijić, T. Rajić)
4. Letnja škola iz oblasti menadžmenta inovacija u organizaciji Ekonomskog fakulteta u Podgorice, 4 - 9. 09. 2011. godine, Tivat, Crna Gora (P. Đorđević, Đ. Nikolić, M. Arsić)
5. Priprema projekta ERASMUS MUNDUS Joint Master Program – sastanak; AC, 7-10.07.2011. Skopje, Makedonija (I.Mihajlović, D.Živković)

#### **2. COST MP0602 - High Temperature Solders**

1. Final Meeting, 19-26.06.2011. - Institute for Physics and Masaryk University, Brno (Czech Republic) (D.Živković)

#### **3. TEMPUS MCHEM**

1. Poseta Univerzitetu Nova Gorica (Slovenija), 31.05.- 06.06.2011. (Lj. Balanović)
2. Poseta Fakultetu za fizičku hemiju Brno (Češka), 30.10. – 05.11.2011. (A. Mitovski)
3. Poseta University Dunarea de Jos – Galati, The Faculty of Sciences and Environment, Galati, Rumunija, 13-18.11.2011. (G. Bogdanović)
4. Poseta Univerzitetu u Ahenu, Nemačka, 26.06.-01.07.2011. (M. Radovanović)
5. Poseta Univerzitetu u Griniču, V.Britanija, 4-10.12.2011. (S.Milić, D.Živković)

#### **4. TEMPUS DEREL**

1. Poseta Technische Universität Wien (Austria), 13-17.02.2011. (M.Antonijević, M.Trumić, M.Trumić, D.Živković)
2. Poseta Università degli Studi di Firenze (Italia), 29.08-03.09.2011. (M.Antonijević, M.Trumić, M.Trumić, D.Živković, S.Milić)

### **B. OSTALI OBLICI MOBILNOSTI (stipendije, saradnja, itd.)**

1. National Scholarship Programme of the Slovak Republic, Faculty of Economics, Matej Bel University, Republic of Slovakia, 15 April – 15 June 2011 (T. Rajić)
2. University of Bacau (Romania) 50. godina postojanja, Plaketa za doprinos razvoju univerziteta i nauke, Zajedničko istraživanje, 24. – 27. Maj 2011. (Z. Damjanović)
3. “Dunarea de Jos” University of Galati, Faculty of Mechanical Engineering, Zajedničko istraživanje, 08.-11.11.2011. (Z. Damjanović)

### **C. BORAVCI I POSETE STRUČNJAKA IZ INOSTRANSTVA TF BOR**

1. Prof. dr Jaroslav Šestak (Institute of Physics Praha, Czech Academy of Sciences, Czech Republic) septembra 2011. boravio na TF Bor kao gost u okviru projekta OI 172037 i održao predavanje na temu: SCIENCE OF THERMAL PHYSICS AND THERMAL ANALYSIS - A historical review of macro & micro world of temperature
2. Prof. dr Pešić Batrić (University of Idaho, USA), oktobra 2011., učestvovao kao plenarni predavač na 43<sup>rd</sup> IOC u Kladovu, posetio TF Bor i održao predavanje za studente na temu: SVE ŠTO STE ŽELELI DA ZNATE O STUDIRANJU U USA
3. Prof. dr Miroslav Gojo, (Grafički fakultet Univerziteta u Zagrebu, Hrvatska) septembra 2011. boravio na TF Bor kao gost Podružnice SHD i održao predavanje na temu: NOVE METODE ISPITIVANJA POVRŠINA U GRAFIČKOJ TEHNOLOGIJI

Treba pomenuti i sledeće posete:

- Prof. dr Šefket Goletić i Dr Mustafa Imamović sa Mašinskog fakulteta Univerziteta u Zenici (BiH), Prof. dr Klaus Helling i Prof. dr Eckhard Helmers sa University of Applied Sciences Trier, Environmental Campus Birkenfeld (Germany), i Prof. dr Peter Schulte INEA (Germany) u okviru 1<sup>st</sup> International Symposium on Environmental and Materials Flow Management EMFM2011,
- Prof. dr Vladimir Krstić sa Queen's University, Ontario (Canada), Prof. dr Vladislav Kecojević sa West Virginia University (USA), Prof. dr George Kaptay sa University of Miskolc (Hungary) u okviru 43<sup>rd</sup> International October Conference IOC2011,
- Dr Tomas Žak sa Institute of Physics, Brno (Czech Republic) radna poseta u okviru projekta OI172037

kao i brojne posete kolega sa srodnih fakulteta iz zemlje i inostranstva u okviru proslave 50. godina TF Bor, 11. novembra 2011. godine

**A: Medjunarodni skupovi**

**1. 43<sup>rd</sup> International October Conference on Mining and Metallurgy - IOC2011**

**1) Datum i mesto održavanja**

12 - 15. 10.2011. godine, Hotel "Aquastar Danube", Kladovo, Serbia;

**2) Naziv publikacije**

Proceedings, 43<sup>rd</sup> International October Conference on Mining and Metallurgy, Edited by: D.Marković, D.Živković, S.Nestorović, UB TF Bor (2011) ISBN 978-86-80987-87-3

**3) Ukupni broj saopštenih radova**

Saopštena 63 rada

**4) Ukupni broj učesnika, i broj zemalja učesnica na skupu**

Ukupno 154 učesnika iz 15 zemalja.

**2. XIX International Scientific and Professional Meeting ECOLOGICAL TRUTH – ECOIST2011**

**1) Datum i mesto održavanja**

01- 04. 06. 2011, godine, Hotel "ALBO" Bor

**2) Naziv publikacije**

Proceedings, XIX International Scientific and Professional Meeting ECOLOGICAL TRUTH  
Ed. by Zoran Marković, UB TF Bor (2011) ISBN 987-86-80987-84-2.

**3) Ukupni broj saopštenih radova**

Saopšteno 108 radova

**4) Ukupni broj učesnika, i broj zemalja učesnica na skupu**

Ukupno 123 učesnika iz 14 zemalja

**B: Nacionalni skupovi sa medjunarodnim učešćem**

**3. 7. Majska konferencija o strategijskom menadžmentu – MKSM2011**

**1) Naziv skupa, datum i mesto održavanja**

26-28. Maj 2011, Hotel Srbija – TIS Zaječar

**2) Naziv publikacije (kompletna referenca sa ISBN brojem)**

Zbornik radova, 7. Majska konferencija o strategijskom menadžmentu, Urednik: I.Mihajlović, UB TF Bor (2011) ISBN: 978-86-80987-85-9

**3) Ukupni broj saopštenih radova**

Saopšteno 150 radova.

**4) Ukupni broj učesnika, i broj zemalja učesnica na skupu**

Ukupno 70 učesnika iz 9 zemalja.

**4. 6. Simpozijum "Reciklažne tehnologije i održivi razvoj"- SRTOR2011**

**1) Naziv skupa, datum i mesto održavanja**

18 - 21.09.2011.godine; Hotel „Zdravljak“, Soko Banja

**2) Naziv publikacije**

Zbornik radova 6.Simpozijum "Reciklažne tehnologije i održivi razvoj" sa međunarodnim učešćem, Urednici: Grozdanka D. Bogdanović, Milan Ž. Trumić, UB TF Bor (2011) ISBN 978-86-80987-86-6.

**3) Ukupni broj saopštenih radova**

Saopšteno 49 radova.

**4) Ukupni broj učesnika, i broj zemalja učesnica na skupu**

Ukupno 113 učesnika iz 7 zemalja.

**5. 1<sup>st</sup> International Symposium on Environmental and Flow Material management - EMFM11**

**1) Naziv skupa, datum i mesto održavanja**

26-28. Maj 2011, Hotel Srbija – TIS Zaječar

**2) Naziv publikacije**

*Book of Abstracts, 1<sup>st</sup> International Symposium on Environmental and Flow Material management*, Editors: D.Živković, Ž.Živković, I.Mihajlović, Tehnički fakultet Bor, 2011. Grafomed Bor, ISBN: 978-86-80987-88-0

**3) Ukupni broj saopštenih radova**

Saopšteno 38 radova.

**4) Ukupni broj učesnika, i broj zemalja učesnica na skupu**

Ukupno 34 učesnika iz 4 zemlje.

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**15. Časopisi koje izdaje TF Bor:**

**Σ 4**

**1. Journal of Mining and Metallurgy Section A: Mining (ISSN 1450-5359) - M52**

<http://jmm-mining.com/>

*Editor-in-Chief:* Prof. dr Živan Živković

*Co-Editor:* Prof. dr Milan Trumić

*Technical Editor:* Mr Jovica Sokolović

**2. Journal of Mining and Metallurgy Section B: Metallurgy (ISSN 1450-5339) – M21**

**IF= 1.294 (12/76 u oblasti Metallurgical Engineering)**

<http://jmmab.com/>

*Editor-in-Chief:* Prof. dr Živan Živković

*Co-Editor:* Prof. dr Dragana Živković

*Technical Editors:* Ass. Ljubiša Balanović

**3. Serbian Journal of Management (ISSN 1452-4864) – M24**

<http://sjm06.com/>

*Editor-in-Chief:* Prof. dr Živan Živković

*Co-Editor:* Doc. dr Ivan Mihajlović

*Technical Editors:* Dr Djordje Nikolić, MSc Nenad Milijić

**4. Reciklaža i održivi razvoj (ISSN 1820-7480)**

*Urednici:* Prof. dr Milan Trumić i Prof. dr Grozdanka Bogdanović

*Tehnički urednik:* Mr Dejan Antić