

Na osnovu čl. 30. stav 3. Zakona o visokom obrazovanju, čl. 40. Statuta TMF i čl. 39. Pravilnika o doktorskim studijama TMF, na sednici Nastavno-naučnog veća Tehnološko-metalurškog fakulteta od 09.04.2015. godine, doneta je

O D L U K A

o prihvatanju Referata o oceni doktorske disertacije

Prihvata se Referat Komisije u sastavu: dr Vesna Mišković-Stanković, redovni profesor Univerziteta u Beogradu, Tehnološko-metalurški fakultet, dr Srđan Nešić, redovni profesor Ohajo Univerziteta, Ohajo, SAD, dr Nedeljko Krstajić, redovni profesor Univerziteta u Beogradu, Tehnološko-metalurški fakultet, dr Jelena Bajat, vanredni profesor Univerziteta u Beogradu, Tehnološko-metalurški fakultet, o pregledu i oceni urađene doktorske disertacije pod nazivom: „PRIMENA ORGANSKIH INHIBITORA ZA SPREČAVANJE POJAVE KOROZIJE NISKOUGLJENIČNOG ČELIKA U PRISUSTVU CO₂“ koju je podnela **IVANA JEVREMOVIĆ**, dipl. inž., i upućuje se na saglasnost Veću naučnih oblasti tehničkih nauka Univerziteta u Beogradu.

Veće naučnih oblasti tehničkih nauka Univerziteta u Beogradu dalo je saglasnost na predlog teme doktorske disertacije **Ivane Jevremović** pod nazivom „PRIMENA ORGANSKIH INHIBITORA ZA SPREČAVANJE POJAVE KOROZIJE NISKOUGLJENIČNOG ČELIKA U PRISUSTVU CO₂“ Odlukom 02 broj: 61206-688/2-14 od 24.02.2014. godine.

Verifikacija naučnih doprinosa:

Kategorija M21:

1. **Ivana Jevremović**, Vesna Mišković-Stanković, Mohsen Achour, David Blumer, Thomas Baugh, Marc Singer, Srđjan Nešić, “ A novel method to mitigate the Top of the Line Corrosion in wet gas pipelines by corrosion inhibitor within a foam matrix”, *Corrosion* **69** (2) (2013) pp. 186-192 (Materials Science, Multidisciplinary, 45/251, IF (2013) = 2,908) ISSN 0010-9312.
2. **Ivana Jevremović**, Marc Singer, Srđjan Nešić, Vesna Mišković-Stanković “ Inhibition properties of self-assembled corrosion inhibitor talloil diethylenetriamine imidazoline for mild steel corrosion in chloride solution saturated with carbon dioxide”, *Corros. Sci.* **77**(2013) pp. 265-272 (Materials Science, Multidisciplinary, 37/251, IF (2013) = 3,686), ISSN 0010-938X.
3. **Ivana Jevremović**, Marc Singer, Mohsen Achour, Srđjan Nešić, Vesna Mišković-Stanković, “ Evaluation of a Novel Top-of-the-Line Corrosion (TLC) Mitigation Method in a Large Scale Flow Loop”, *Corrosion* (2015) doi: 10.5006/1317 (Materials Science, Multidisciplinary, 45/251, IF (2013) = 2,908) ISSN 0010-9312

Kategorija M23

1. **Ivana Jevremović**, Aleksandra Debeljković, Marc Singer, Mohsen Achour, Srđjan Nešić, Vesna Mišković-Stanković, “ The mixture of dicyclohexylamine and oleylamine as corrosion inhibitor for mild steel in NaCl solution saturated with CO₂ under both continual immersion and top of the line corrosion”, *J. Serb. Chem. Soc.* **77**(8) (2012) 1047-1061. (Chemistry, Multidisciplinary, 100/152, IF (2012) = 0,912) ISSN 0352-5139.

Kategorija M33

1. **Ivana Jevremović**, Vesna Mišković-Stanković, Mohsen Achour, David Blumer, Thomas Baugh, Marc Singer, Srdjan Nešić, "A novel method to mitigate the Top of the Line Corrosion in wet gas pipelines by corrosion inhibitor within a foam matrix", NACE International Conference, CORROSION/2012, Salt Lake City, Utah, USA, 2012, paper no. C2012-0001403 (p.1-15); NACE - International Corrosion Conference Series, Volume 4, 2012, p. 3203-3217.
2. **Ivana Jevremović**, V. Mišković-Stanković, M. Achour, M. Singer, S. Nešić "Evaluation of a Novel Top-of-the-Line Corrosion (TLC) Mitigation Method in a Large Scale Flow Loop", NACE International Conference, CORROSION/2013, Orlando, Florida, USA, paper no. C2013-0002321(p.1-15); NACE – International Corrosion Conference Series, Volume 6, 2013, p. 4955-4967.

Kategorija M34

1. Aleksandra Debeljković, **Ivana Jevremović**, Vesna Mišković-Stanković, Srdan Nešić, "Corrosion Behavior of mild steel in CO₂ atmosphere", 9th Young Researchers' Conference – Materials Science and Engineering, Serbian Academy of Sciences and Arts, Belgrade, 2010, Serbia, Book of abstracts, I/6, p. 4.
2. **Ivana Jevremović**, "The Investigation of the Effectiveness of Ethanolamine as Corrosion Inhibitor for Mild Steel in CO₂ Atmosphere", NACE International Conference, CORROSION/2011, Houston, Texas, 2011, Book of abstracts, p. 38.
3. **Ivana Jevremović**, "Top-of-the-line Corrosion (TLC) Mitigation of Mild Steel in CO₂ Environment Using Corrosion Inhibitor Injected Within a Foam Carrier", NACE International Conference, CORROSION/2012, Salt Lake City, Utah, USA, 2012, Book of abstracts, p. 50.
4. **Ivana Jevremović**, Vesna Mišković-Stanković, Srdan Nešić, "The electrochemical and surface characteristics of ethanolamine as nanostructured corrosion inhibitor", Second International Workshop on Characterization, properties and applications of Nanostructured Ceramics, Polymers, and Composites, Faculty of Technology and Metallurgy, University of Belgrade, 2011, Serbia, Book of abstracts, P10, p. 40.
5. **Ivana Jevremović**, Vesna Mišković-Stanković, Mohsen Achour, David Blumer, Thomas Baugh, Marc Singer, Srdjan Nešić, "Evaluation of TOFA/DETA imidazoline as corrosion inhibitor for top of the line corrosion (TLC) of mild steel in CO₂ environment", 10th Young Researchers' Conference – Materials Science and Engineering, Serbian Academy of Sciences and Arts, Belgrade, 2011, Serbia, Book of abstracts, V/I, p. 19.
6. **Ivana Jevremović**, Vesna Mišković-Stanković, Aleksandra Debeljković, Mohsen Achour, Marc Singer, Srdan Nešić, "The Efficiency of Dicyclohexylamine and Oleylamine as Inhibitor for Carbon Dioxide Corrosion", Research in Progress (RIP), NACE International Conference, CORROSION/2012, Salt Lake City, Utah, USA, 2012, Book of abstracts, p.(1-4).
7. **Ivana Jevremović**, Marc Singer, Srdan Nešić, Vesna Mišković-Stanković "Characterization of organic inhibitor for corrosion of mild steel in 3 wt. % NaCl solution saturated with CO₂", 11th Young Researchers' Conference Materials Science and Engineering, Serbian Academy of Sciences and Arts, Belgrade, 2012, Serbia, Book of abstracts, TM13, p. 55.
8. **Ivana Jevremović**, Marc Singer, Srdan Nešić, Vesna Mišković-Stanković, "Evaluation of the performance of corrosion inhibitor for mild steel in CO₂ containing NaCl solution", Fourth Regional Symposium on Electrochemistry of South-East Europe (RSE-SEE), Student Symposium RSE-SEE, Ljubljana, Slovenia, 2013, Book of abstracts, p. 125.
9. **Ivana Jevremović**, Fernando Farelás, Marc Singer, Srdan Nešić, Vesna Mišković-Stanković, "Use of Quartz Crystal Microbalance (QCM) Measurements to Investigate Novel Top-of-the-Line Corrosion (TLC) Mitigation Method", 12th Young Researchers' Conference Materials Science and

Engineering, Serbian Academy of Sciences and Arts, Belgrade, 2013, Serbia, Book of abstracts, VII/6, p. 29.

10. **Ivana Jevremović**, Marc Singer, Srdjan Nešić, Vesna Mišković-Stanković, "Talloil diethylenetriamine imidazoline as a corrosion inhibitor for mild steel in chloride solution saturated with carbon dioxide", 16th Annual Conference YUCOMAT 2014, Herceg Novi, Montenegro, 2014, Book of abstracts, P.S.A.9, p. 63.
11. **Ivana Jevremović**, Marc Singer, Srdjan Nešić, Vesna Mišković-Stanković, "Electrochemical and thermodynamic investigation of talloil diethylenetriamine imidazoline as corrosion inhibitor for carbon dioxide corrosion of mild steel", Thirteenth Young Researchers' Conference: Materials Science and Engineering, Belgrade, Serbia, 2014, Book of Abstracts, VII/2, p. 24.

Kategorija M51

1. **Ivana Jevremović**, Vesna Misković-Stanković, "The Inhibitive effect of ethanolamine on corrosion behavior of aluminium in NaCl solution saturated with CO₂", *Metall. Mater. Eng.* **18** (4) (2012) p. 241-257, ISSN: 0354-6306.

Kategorija M64

1. **Ivana Jevremović**, Marc Singer, Mohsen Achour, David Blumer, Thomas Baugh, Vesna Mišković-Stanković, Srdan Nešić, „Nova metoda nanošenja inhibitora za sprečavanje pojave korozije niskougljeničnog čelika u uslovima kondenzacije u CO₂ sredini", L Savetovanje Srpskog hemijskog društva, Beograd, 2012, Knjiga apstrakta, str. 29.
2. **Ivana Jevremović**, Marc Singer, Srdjan Nešić, Vesna Mišković-Stanković, " Primena organskog inhibitora za sprečavanje pojave korozije niskougljeničnog čelika u CO₂ sredini", Prva konferencija mladih hemičara Srbije, Beograd, 2012, Kratki izvodi radova (CD Rom), NM P05, str. 93.

Izveštaj o oceni doktorske disertacije dostavlja se na uvid javnosti, a po isteku roka od 30 dana, na saglasnost Veću naučnih oblasti tehničkih nauka Univerziteta u Beogradu.

Odluku dostaviti: Veću naučnih oblasti Univerziteta, doktorandu, Službi za nastavno-studentske poslove, Biblioteci i Arhivi fakulteta.

D E K A N

Prof. dr Đorđe Janačković