

## СВЕДЕНИЯ

об официальных оппонентах по диссертации Абиловой Гузалии Рашидовны на тему «Особенности состава смол тяжелых нефтей и их влияние на стабильность асфальтенов в нефтяных системах», представленной на соискание ученой степени кандидата химических наук по специальности 1.4.12. – «Нефтехимия»

Фамилия, имя, отчество	Год рождения, гражданство	Место основной работы, должность	Ученая степень с указанием шифра специальности, по которой защищена диссертация	Основные работы по профилю оппонируемой диссертации
Мартыанов Олег Николаевич	1972, Гражданин РФ	Федеральное государственное бюджетное учреждение науки «Федеральный исследовательский центр «Институт катализа им. Г.К. Борескова Сибирского отделения Российской академии наук», заместитель директора по научной работе	Доктор химических наук (02.00.04)	<ol style="list-style-type: none"> <li>1. Effect of nitrogen bases on the structure of primary asphaltene clusters and dynamics of aggregation of heavy oil fractions / Larichev Y.V., Martyanov O.N., Kovalenko E.Y. // Petroleum Chemistry. 2019. V. 59. № 11. P. 1195-1200.</li> <li>2. Transformation of Petroleum Asphaltene in Supercritical Alcohols – A Tool to Change H/C Ratio and Remove S and N Atoms from Refined Products / Chibiryayev A.M., Kozhevnikov I.V., Martyanov O.N. // Catalysis Today. 2019. V.329. P.177-186.</li> <li>3. Spectroscopic Imaging of Deposition of Asphaltene from Crude Oil under Flow / Shalygin A.S., Kozhevnikov I.V., Kazarian S.G., Martyanov O.N. // Journal of Petroleum Science and Engineering. 2019. V.181. P. 1-8.</li> <li>4. Transformation of Petroleum Asphaltene in Supercritical Alcohols Studied via FTIR and NMR Techniques / Chibiryayev A.M., Kozhevnikov I.V., Shalygin A.S., Martyanov O.N. // Energy and Fuels. 2018. V.32. N2. P.2117-2127.</li> <li>5. The Dynamics of Asphaltene Aggregates in Heavy Crude Oils on a Nanometer Scale Studied via Small-Angle X-ray Scattering in Situ / Larichev Y.V., Martyanov O.N. // Journal of Petroleum Science and Engineering. 2018. V.165. P.575-580.</li> </ol>

<p>Мустафин АхатГазизьянович</p>	<p>1957, Гражданин РФ</p>	<p>Федеральное государственное бюджетное учреждение науки Уфимский Институт химии Российской академии наук, Заведующий лабораторией органических функциональных материалов</p>	<p>Доктор химических наук(02.00.03)</p>	<p>6. Electron Spin Resonance of Slowly Rotating Vanadyls – The Effective Tool to Quantify the Sizes of Asphaltenes in situ / Trukhan S.N., Kazarian S.G., Martyanov O.N. // Energy and Fuels. 2017. V.31. N1. P.387-394.</p> <p>7. The Stability and Evolution of Oil Systems Studied via Advanced Methods in situ / Martyanov O.N., Larichev Y.V., Morozov E.V., Trukhan S.N., Kazarian S.N.// Russian Chemical Reviews. 2017. V.86. N11. P.999-1023.</p> <p>8. Behavior of Asphaltenes in Crude Oil at High-Pressure CO2 Conditions: In Situ Attenuated Total Reflection–Fourier Transform Infrared Spectroscopic Imaging Study / Gabrienko A.A., Martyanov O.N., Kazarian S.G. // Energy and Fuels. 2016. V.30. N6. P.4750-4757.</p> <p>9. Effect of Temperature and Composition on the Stability of Crude Oil Blends Studied with Chemical Imaging In Situ / Gabrienko A.A., Martyanov O.N., Kazarian S.G. // Energy and Fuels. 2015. V.29. P.7114-7123</p>
				<p>1. Investigation of physicochemical properties of initial components for polyelectrolyte complex-reagent for oil and gas production / Begalieva, R. S., Kulyashova, I. N., Dzhakupova, Zh. E., Badikova, A. D., Mustafin, A. G. // Chemistry and technology of fuels and oils. – 2021. – V.56 (6). – P. 889-897.</p> <p>2. Light gasoil of catalytic cracking: A quantitative description of the physical properties by joint use of chromatography-mass-spectrometry and molecular dynamics / Ilyina M.G., Khamitov E.M., Galiakhmetov R.N., Mustafin I.A., Akhmetov A.F., Shayakhmetova R.K., Mustafin A.G. // Journal of the Chinese Chemical Society. – 2020. – V. 67 (1). – P. 33-40.</p> <p>3. Research of Physical and Chemical Properties of Initial Components for Polyelectrolyte Complex-Reagent for Oil and Gas Production / Begalieva R. S., Kulyashova I. N., DzhakupovaZh. E., Badikova A. D., Mustafin A. G. // Chemistry and technology of fuels and oils. 2020, V.6. P. 22-28.</p>



			<p>4. On the Change in the Component Composition of Straight-Run Fuel Oil Distillate by Catalytic Cracking in the Presence of Zinc, Nickel, and Iron 2-Ethylhexanoates / Mustafin I. A., Sudakova O. M., Kozhanova A. A., Fokina E. O., Valinurova E. R., Mustafin A. G., Galiakhmetov, R. N. // Petroleum chemistry. – 2018. – V.58 (12). – P.1051-1055.</p> <p>5. Destructive Conversion of Gas Oil in the Presence of a Nickel-Based Nanosized Catalyst / I. A. Mustafin, M. F. Abdullin, O. M. Sudakova, A. G. Mustafin, R. N. Galiakhmetov, E. R. Valinurova // Petroleum Chemistry. – 2018. – V.58. – P. 379-386.</p> <p>6. Thermographic Studies of Fuel Oil in the Presence of Nickel-2 Ethylhexanoate/ Arslan F. Akhmetov, Akhat G Mustafin, Rail N. Galiakhmetov, Oksana M. Sudakova // International Journal of Applied Engineering Research. – 2017. – V.12, №22. – P.12790-12793.</p> <p>7. Thermographic studies of vacuum gasoil / Sudakova O.M., Mustafin A.G., Akhmetov A.F., Mustafin I.A., Galiakhmetov R.N. // International Journal of Applied Engineering Research. – 2016. – V.12, №22. – P. 11184-11188.</p> <p>8. Catalytic Processes in Heavy Hydrocarbons in the Presence of Ultradispersed Nickel Suspension / O.M. Sudakova, A.G. Mustafin, A.F. Akhmetov, I.A. Mustafin, M.N. Rakhimov // International Journal of Applied Engineering Research. 2016. V.12, №4. P. 653-659.</p>
--	--	--	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Председатель диссертационного совета 24.2.428.01 при ФГБОУ ВО «УГНТУ», д-р техн. наук, профессор

Ученый секретарь диссертационного совета 24.2.428.01 при ФГБОУ ВО «УГНТУ», д-р техн. наук, профессор

Б.Н. Мастобаев

Е.А. Удалова

