

**Schedule of Energy PhD seminar (AY 2019/2020)**

**November**

6.11	<b>Timur Ermatov</b> (advisor: Prof. Dmitry Gorin)	<i>"Endoscopic probe based on microstructured optical fibers coated with silica submicron particles"</i> <a href="#">Abstract</a>
13.11	<b>Sajjad Asefi</b> (advisor: Prof. Elena Gryazina)	<i>"Distributed power system state estimation considering stopping criterion"</i> <a href="#">Abstract</a>
20.11	<b>Arman Alahyari</b> (advisor: Prof. David Pozo)	<i>"Electric End-User Consumer Profit Maximization: An Online Approach"</i> <a href="#">Abstract</a>
27.11	<b>Roman Kapaev</b> (advisor: Prof. Pavel Troshin)	<i>"Organic and metal-organic materials for potassium battery cathodes"</i> <a href="#">Abstract</a>
	<b>Anton Hinneck</b> (advisor: Prof. David Pozo)	<i>"A Parallel Algorithm to Accelerate Integer Optimization on Transmission Switching Problems"</i> <a href="#">Abstract</a>

**December**

4.12	<b>Rahim Samanbakhsh</b> (advisor: Prof. Federico Ibanez)	<i>"A Novel Non-Coupled Non-Isolated Double-Input Bidirectional High-Gain Converter for Hybrid Energy Storage System"</i> <a href="#">Abstract</a>
	<b>Artyom Novikov</b> (advisor: Prof. Pavel Troshin)	<i>"Inorganic and hybrid hole-transport materials for</i>

		<i>perovskite solar cells" <a href="#">Abstract</a></i>
11.12	<b>Marina Tepliakova</b> (advisor: Prof. Pavel Troshin)	<i>"Comparison of encapsulation properties of pyrene derivatives" <a href="#">Abstract</a></i>
	<b>Valentina Ekimova</b> (advisor: Prof. Evgeny Chuvilin)	<i>"Experimental modeling of the methane recovery from gas hydrate saturated sediments by the flue gas / nitrogen injection" <a href="#">Abstract</a></i>
18.12	<b>Mayuribala Mangrulkar</b> (advisor: Prof. Pavel Troshin)	<i>"Additive Engineering for Enhancing Photostability of MAPbI<sub>3</sub>" <a href="#">Abstract</a></i>