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**ERASMUS+ KA2 PROJECT # 598367-EPP-1-2018-1-SE-
EPPKA2-CBHE-JP “INTEGRATED APPROACH TO
STEM TEACHER TRAINING”, STEM**

**November 19, 2019
M. Auezov South Kazakhstan University**

**STEM DAY
PROGRAMME**

Shymkent, 2019

November 19, 2019

Time	Topic	Speakers
<p>Invited guests: teachers and students of the schools, master students, doctoral students and teaching staff of the Department of Informatics and Physics Students of secondary schools No. 87, 47, Shymkent republican school "Zhas Ulan" named after S. Rakhimov, specialized boarding school with trilingual education No. 2.</p>		
10.00-10.30	<p>Organization of an exhibition for schoolchildren (Foyer, 1st floor)</p> <ol style="list-style-type: none">1. Military robotics2. Biological and chemical laboratories3. Physical experiments4. Handicrafts	
10.30-10.50	<p>Welcome speech</p>	<p>Nurlybai Madiyarov, Dean of the Higher School of Natural Sciences and Pedagogy</p>

Time	Topic	Speakers
10.50-11.20	New educational programs and new directions	Gaukhar Omashova, M. Auezov South Kazakhstan University, project coordinator
11.20-11.40	"Modern methods and algorithms of the oil and gas industry automation system"	Bagdaulet Aralbay, master student of MEP-19-6k1 group
11.40-12.00	Analysis and data management system in the creation of intelligent geoinformation systems	Balzhan Baltabek, master student of MEP-19-3k1 group
12.00-12.20	<p>Physics mini-projects:</p> <ol style="list-style-type: none"> 1. Hydoram 2. Studying the phenomenon of electromagnetic induction 3. Parallel and series connection of conductors <p>Robotics</p>	<p>Rakhimzhan Abdraimov, Physics Department teacher, Agaev M., A. Aikozy, D. Auez, students of the Physics department</p> <p>Zhanbota Menlibay and students of EP-18-7tk group</p>



Time	Topic	Speakers
12.20-12.40	Methods of teaching military robotics	Auskhan Burkit, Senior teacher of Department of Informatics
12.40-13.00	Formation of research skills of students on the basis of STEM education	Gasanova Zohra, master student of the Department of Informatics
13.00-13.30	Questions and answers	

