



Pozivnica

Srdačno Vas pozivamo na gostujuće predavanje u četvrtak 17. listopada 2019. u 13:00 h u predavaonicu P1 na temu

„Digital trends in engineering”

profesora Novikov Andrey a i Dolgikh Anne s Bauman Moscow State Technical University (BMSTU)

u organizaciji Tehničkog fakulteta Sveučilišta u Rijeci i Centra za mikro- i nanoznanosti i tehnologije.

Radujemo se Vašem dolasku.





1. Novikov Andrey

Lecture “Key trends in the material science”

Lecture will run about the latest developments in the sphere of new materials and the application of such materials in wide range of branches. Materials with the improved properties are an integral part of the “Industry 4.0”, in the framework of “Industry 4.0” has appeared a new science – digital material science.

Andrey Novikov (08. 11. 1992, Moscow) graduated from the faculty of composites materials in aerospace of Bauman Moscow State Technical university (BMSTU) in 2016. Currently, he is a PhD student in the same faculty. Andrey works in engineering centre “Composites of Russia” BMSTU and he is involved in development of educational programs and R&D in the sphere of composites.

Research interests: composite materials, material science, aerospace and aviation industry.

2. Dolgikh Anna

Lecture “Digital production technologies and materials”

Lecture will run about the state of art of the digitalization of the production and appearance of new interdisciplinary sciences in connection with IT. The methods for digital production and the properties of materials obtained by the abovementioned methods will be considered. We will discuss the VR software developed specially for the demonstration of vacuum infusion.

Lecture “Application and production methods of nanomaterials and composites”

The lecture will discuss the approaches of nanomaterials and composites manufacture and implementation of composite materials in various spheres of industry. We will also examine the required properties of new materials.

Lecture “Exploration of physical and mechanical properties of new materials”

The brief introduction into research methods of the new materials will be presented. Some of the methods are common, the others are brand-new.

Anna Dolgikh (09. 07. 1989, Orsk) graduated from the faculty of composites materials in aerospace of Bauman Moscow State Technical university (BMSTU) in 2016. In 2014 she became PhD in Philosophy. Now Anna works in the department of coordination and monitoring of students research activity in Bauman Moscow State Technical University.

Research interests: composite materials, material science, aerospace and aviation industry.

