

### **Design and testing of sandwich structures with different core materials**

**Herranen, Henrik; Pabut, Ott; Eerme, Martin; Majak, Jüri; Pohlak, Meelis; Kers, Jaan; Saarna, Mart; Allikas, Georg; Aruniit, Aare** Materials science = Medžiagotyra 2012 / p. 45-50 : ill  
[https://www.researchgate.net/publication/268366546\\_Design\\_and\\_Testing\\_of\\_Sandwich\\_Structures\\_with\\_Different\\_Core\\_Materials](https://www.researchgate.net/publication/268366546_Design_and_Testing_of_Sandwich_Structures_with_Different_Core_Materials)

### **Design of light-weight sandwich panels for trailers**

**Allikas, Georg; Kers, Jaan; Aruniit, Aare; Herranen, Henrik; Eerme, Martin; Majak, Jüri; Pohlak, Meelis; Pabut, Ott** ECCM15 - 15th European Conference on Composite Materials : Venice, Italy, 24-28 June 2012 2012 / 8 p. : ill  
[https://www.researchgate.net/publication/290060877\\_Design\\_of\\_light-weight\\_sandwich\\_panel\\_for\\_trailers](https://www.researchgate.net/publication/290060877_Design_of_light-weight_sandwich_panel_for_trailers)

### **Embedded electronics influence on the strength of carbon fiber laminate**

**Herranen, Henrik; Kers, Jaan; Preden, Jürjo-Sören; Talalaev, Robert; Eerme, Martin; Majak, Jüri; Lend, Henri; Allikas, Georg** Advances in applied materials and electronics engineering III 2014 / p. 239-243

### **Laser treatment of surfaces of tool and PM steels and steels with coatings**

Surženkov, Andrei; **Allikas, Georg; Zimakov, Sergei; Kulu, Priit**; Müller, H. Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24-26th April 2008, Tallinn, Estonia. [2] 2008 / p. 555-560 : ill  
<http://innomet.ttu.ee/daaam08/online/Materials%20Engineering/Surzhenkov.pdf>

### **Model validation and structural analysis of a small wind turbine blade**

**Pabut, Ott; Allikas, Georg; Herranen, Henrik; Vene, Karl-Kristo; Talalaev, Robert** Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 1 2012 / p. 74-79 : ill

### **Particle reinforced polymer composite's stain resistance factors**

**Aruniit, Aare; Kers, Jaan; Krumme, Andres; Allikas, Georg; Poltimäe, Triinu** ECCM15 - 15th European Conference on Composite Materials : Venice, Italy, 24-28 June 2012 2012 <http://www.escm.eu.org/eccm15/data/assets/417.pdf>

### **The influence of embedded electronics on the structural performance in carbon fiber laminates**

**Herranen, Henrik; Kers, Jaan; Preden, Jürjo-Sören; Talalaev, Robert; Eerme, Martin; Majak, Jüri; Pohlak, Meelis; Allikas, Georg; Pabut, Ott; Lend, Henri** Proceedings of the International Conference on Mechanics of Nano, Micro and Macro Composite Structures : 18 to 20 June 2012 2012 / [2 p.]

### **Wear resistance influencers of particle reinforced polymer composite**

**Aruniit, Aare; Kers, Jaan; Krumme, Andres; Antonov, Maksim; Allikas, Georg; Herranen, Henrik; Pabut, Ott** Proceedings of 19th International Conference on Composite Materials (ICCM19) 2013

### **Visualization of strain distribution around the edges of a rectangular foreign object inside the woven carbon fibre specimen**

**Herranen, Henrik; Allikas, Georg; Eerme, Martin; Vene, Karl-Kristo; Otto, Tauno; Gregor, Andre; Kirs, Maarjus; Mädamürk, Karl** Estonian journal of engineering 2012 / p. 279-287 : ill [https://artiklid.elnet.ee/record=b2527774\\*est](https://artiklid.elnet.ee/record=b2527774*est)