

VI Session, Hall 2-1

**ENGINEERING MATERIALS AND APPLICATIONS**

Chairperson – Assoc. prof. Andrei Surzhenkov

Technical assistant – Dr. Laura Gegeckienė

Friday, October 23, 9:00 – 10:30

<https://lhedm.zoom.us/j/98547096675?pwd=TDYhWHhqekpmd2dsVy9PL2c3L3Rldz09>



**DIG-MAN: Integration of Digital Tools Into Product  
Development and Manufacturing Education**

*Tõnu Leemet, Roman Wdowik, R.M. Chandima Ratnayake,  
Alice Benini, Regita Bendikiene*

Estonian University of Life Sciences, Institute of Technology, **ESTONIA**



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**The Influence of Heating Time on the Mechanical Properties of Laser  
Though-Transmission Welded Polyamide PPA40GF Joint**

*Simonas Mindaugas Jankus, Regita Bendikiene*

Kaunas University of Technology, **LITHUANIA**

**Ultrafine Cemented Carbides with Cobalt and Iron-Based Binders  
Prepared via Reactive *In-Situ* Sintering**

*Marek Tarraste, Jakob Kübarsepp, Avro Mere, Kristjan Juhani,  
Märt Kolnes, Mart Viljus*

Tallinn University of Technology, **ESTONIA**

**Investigation of Microstructure of Nanostructured Metal-Matrix  
Composites**

*Yogesh Ragupathy, Rasa Kandrotaitė-Janutienė, Darius Mažeika,  
Olha Syzonenko*

Kaunas University of Technology, **LITHUANIA**