

### **Active blended learning as a tool focused on industry 5.0 at EuroTeQ Engineering University**

**Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard** 2024 IEEE Global Engineering Education Conference (EDUCON) : proceedings 2024 / p. 1-5 <https://doi.org/10.1109/EDUCON60312.2024.10578688> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Active blended learning of industry 5.0-oriented sustainable power engineering specialists**

**Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard** First International Conference on Sustainable Energy Education (SEED 2024) : proceedings 2024 / p. 719-725 <https://doi.org/10.4995/SEED2024.2024.19007>

### **Autonomous vehicle for industry 5.0 : Digital twin for system safety validation**

**Sell, Raivo; Malayjerdi, Mohsen; Malayjerdi, Ehsan; Bellone, Mauro; Pikner, Heiko** Proceedings of the 11th International Conference on Vehicle Technology and Intelligent Transport Systems VEHITS ; Vol. 1 2025 / p. 660-667 <https://doi.org/10.5220/0013476600003941>

### **Development and future trends of digital product-service systems: a bibliometric analysis approach**

**Rakic, Slavko; Medic, Nenad; Leoste, Janika; Vuckovic, Teodora; Marjanovic, Ugljesa** Applied system innovation 2023 / art. 89 ; p. 1-19 <https://doi.org/10.3390/asi6050089>

### **Eesti tulevik sõltub võimetest ja oskusest luua õigeid asju**

**Otto, Tauno** sirp.ee 2025 <https://www.sirp.ee/eesti-tulevik-soltub-voimetest-ja-oskusest-luua-oigeid-asju/>

### **Extended Reality for I5.0 : towards human centricity in human-robot interaction = Laiendatud reaalsus Tööstus 5.0 jaoks : inimesekeskse lähenemiseni inimese-roboti suhtluses**

**Pizzagalli, Simone Luca** 2024 [https://www.ester.ee/record=b5694235\\*est](https://www.ester.ee/record=b5694235*est) <https://digikogu.taltech.ee/et/Item/c2c7e80f-6a3c-49fc-8311-6b8f13e75270> <https://doi.org/10.23658/taltech.42/2024>

### **Heade mõtete tööstus : Tartus kraaditi tööstuse tulevikku**

**Otto, Tauno** Mente et Manu 2024 / lk. 56-57 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

### **Implementing an AI-based digital twin analysis system for real-time decision support in a custom-made sportswear SME**

**Raamets, Tõnis; Karjust, Kristo; Majak, Jüri; Hermaste, Aigar** Applied sciences 2025 / art. 7952 <https://doi.org/10.3390/app15147952>

### **25. mail toimub Mektorys Eesti tööstusettevõtete konkurentsivõime konverents Industry 5.0**

Mente et Manu 2022 / lk. 6 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

### **Konverents Industry 5.0 annab tööstusele konkurentsieelised**

Mente et Manu 2024 / lk. 10 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

### **Kus häda kõige suurem, seal robot kõige lähem**

**Kuts, Vladimir** Trialoog 2025 <https://trialoog.taltech.ee/kus-hada-koige-suurem-seal-robot-koige-lahem/>

### **Overview of the development of cybersecurity in data transmission protocols used in industry**

**Ponomar, Sergei; Sarkans, Martinš** Proceedings of the Estonian Academy of Sciences 2025 / 6, p. 143-148 <https://doi.org/10.3176/proc.2025.2.11>

### **Reconfigurable manufacturing based on autonomously moving collaborative robot solutions = Autonomooselt teisaldataval koostööroboti lahendusel põhinev ümberseadistatav tootmine**

**Vaher, Kristo** 2025 [https://www.ester.ee/record=b5574954\\*est](https://www.ester.ee/record=b5574954*est) <https://digikogu.taltech.ee/et/Item/6ebaeab4-0171-4da1-8e5b-4e44663dc679> <https://doi.org/10.23658/taltech.40/2025>

### **SMA-based haptic gloves usage in the smart factory concept : XR use case**

**Srivastava, Rupal; Kuts, Vladimir; Souza Gouveia, E. L.; Murray, Niall; Devine, Declan; O'Connell, Eoin** Proceedings of ASME 2022 International Mechanical Engineering Congress and Exposition (IMECE2022), 2B: Columbus, Ohio, USA, October 30 - November 3, 2022 2022 / art. IMECE2022-94305, V02BT02A017, 10 p <https://doi.org/10.1115/IMECE2022-94305>

### **TalTechi teadlased arendavad humanoidrobotit liikumispuudega inimeste toetamiseks**

**Kaiser, Katerina** postimees.ee 2025 <https://60pluss.postimees.ee/8273922/taltech-teadlased-arendavad-humanoidrobotit-liikumispuudega-inimeste-toetamiseks>

### **Tehisintellekt, tööstussektori uus liitlane**

**Roosileht, Mare** Trialoog 2025 <https://trialoog.taltech.ee/tehisintellekt-toostussektori-uus-liitlane/>