

## **Aasta tehase žürii: tööstus on investeerimisel ebakindel, kuid raha vajadusel leitakse**

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## **Abrasion and erosion resistance of cermets : a review**

**Kübarsepp, Jakob; Juhani, Kristjan; Tarraste, Marek** Materials 2022 / art. 69 <https://doi.org/10.3390/ma15010069> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Abrasive wear resistant composite hardfacings with ex-situ and in-situ synthesized carbide reinforcement = Abrasiivkulumiskindlad komposiitpindad ex-situ ja in-situ sünteesitud karbiidkõvafaasiga**

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## **Abrasive-erosive wear of thermally sprayed coatings from experimental and commercial Cr3C2-based powders**

**Sarjas, Heikki; Surženkov, Andrei; Juhani, Kristjan; Antonov, Maksim; Adoberg, Eron; Kulu, Priit; Viljus, Mart; Traksmäa, Rainer; Matikainen, Ville; Vuoristo, Petri** Journal of thermal spray technology 2017 / p. 2020-2029 : ill <https://doi.org/10.1007/s11666-017-0638-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **AC magnetic loss reduction of SLM processed Fe-Si for additive manufacturing of electrical machines**

**Tiismus, Hans; Kallaste, Ants; Belahcen, Anouar; Tarraste, Marek; Vaimann, Toomas; Rassõlkin, Anton; Asad, Bilal; Shams Ghahfarokhi, Payam** Energies 2021 / 13 p. : ill <https://doi.org/10.3390/en14051241> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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**Di Giulio, Elio; Auriemma, Fabio; Napolitano, Marialuisa; Dragonetti, Raffaele** The Journal of the Acoustical Society of America 2021 / art. 3878 <https://doi.org/10.1121/10.0005085> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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## **Acoustic study of novel eco-friendly material for vehicle NVH applications**

**Rämmal, Hans; Lavrentjev, Jüri** Materials today: proceedings 2020 / p. 2331-2337 <https://doi.org/10.1016/j.matpr.2020.04.632> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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### **Adaptation of Laboratory tests for the assessment of wear resistance of drill-bit inserts for rotary-percussive drilling of hard rocks**

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### **Additive manufacturing of a martensitic Co–Cr–Mo alloy : Towards circumventing the strength–ductility trade-off**

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### **Additive manufacturing of CMCs with bimodal microstructure**

**Maurya, Himanshu Singh**; Vikram, R. J.; Kosiba, Konrad; **Juhani, Kristjan**; **Sergejev, Fjodor**; Suwas, Satyam; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2023 / art. 168416, 5 p. : ill <https://doi.org/10.1016/j.jallcom.2022.168416> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Additive manufacturing of CoCrFeMnNi high-entropy alloy/AISI 316L stainless steel bimetallic structures**

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### **Additive manufacturing of Mo-Mo(x)S(x+1) functional structures : engineering and electrochemical applications = Lisandustehnoloogia teel valmistatud Mo-Mo(x)S(x+1) funktsionaalsed struktuurid inseneri- ja elektrokeemiliste rakendustele**

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## **Additive manufacturing of silicon-wollastonite/bioactive glass based biomaterials by Selective Laser Melting**

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## **Additive manufacturing of TiC-based cermet with stainless steel as a binder material**

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## **Additive manufacturing of TiC-based cermets : a detailed comparison with spark plasma sintered samples**

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## **Additive manufacturing of TiC-based cermets with Fe-based binders using novel laser scan techniques =**

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## **Advanced autonomous vehicle's functions for safety improvements in urban mobility context = Täiustatud autonoomsete sõidukite funktsioonid ohutuse parandamiseks linnaliikluse kontekstis**

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## **Advanced machine learning and experimental studies of polypropylene based polyesters tribological composite systems for sustainable recycling automation and digitalization**

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## **Advanced, universal, and facile gel spinning-based aerogel fibrillation : in situ fabrication of highly stretchable TPU-silica hybrid network in ambient conditions**

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**Advancement in perception capabilities for autonomous vehicles : from dataset collection to scene interpretation = Autonomsete sõidukite tajuvõimekuse täiustamine : andmekogumisest stseeni tõlgendamiseni**

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**An IoT course program to foster the adoption of IoT driven food and agriculture in Sub-Saharan Africa (SSA)**

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