

## **Acoustic emission of Estonian clay Arumetsa during firing**

Hulan, Tomaš; Štubna, Igor; **Kaljuvee, Tiit** THERMOPHYSICS 2018: 23rd International Meeting of Thermophysics 2018 : Smolenice, Slovakia, 7–9 November 2018 2018 / art. 020016, [6] p <https://doi.org/10.1063/1.5047610> Conference proceedings at Scopus Article at Scopus Article at WOS

## **Application of active thermography for the study of losses in components produced by laser powder Bed fusion**

Quercio, Michele; Poskovic, Emir; Franchini, Fausto; Fracchia, Elisa; Ferraris, Luca; Canova, Aldo; Tenconi, Alberto; **Tiismus, Hans; Kallaste, Ants** Journal of magnetism and magnetic materials 2024 / art. 171796 <https://doi.org/10.1016/j.jmmm.2024.171796>

## **Assessment of metal condition and remaining life of in-service power plant components operating at high temperature = Elektrijaamade kõrgtemperatuursete seadmete metalli seisundi ja jätkressursi hindamine**

Dedov, Andrei 2007 <https://digi.lib.ttu.ee/i/?159> [https://www.estr.ee/record=b2324690\\*est](https://www.estr.ee/record=b2324690*est)

## **Curvature effects on wave propagation in an infinite pipe**

Ratassepp, Madis; **Klauson, Aleksander** Ultrasound 2006 / 2(59), Proceedings of the International Conference "Non-Destructive Testing and Diagnostics - 2006" : 26-27 May 2006, Vilnius, p. 19-25 : ill [https://www.ndt.net/article/ultragarsas/59-2006-vol.2\\_04-m.ratassepp.pdf](https://www.ndt.net/article/ultragarsas/59-2006-vol.2_04-m.ratassepp.pdf)

## **Evaluation of elastic constants in composite laminates with guided wave tomography [Online resource]**

Ratassepp, Madis; Rao, Jing; Yu, X.; Fan, Zheng 12th European Conference on Non-destructive Testing : proceedings 2018 / 7 p. : ill <http://cdn.ecndt2018.com/wp-content/uploads/2018/05/ecndt-0597-2018-File001.pdf> <http://www.ecndt2018.com/programme/list-of-authors/>

## **Experimental evaluation and numerical modelling residual stresses in glass panel**

Majak, Jüri; Anton, Johan; Öunapuu, Erko; Auriemma, Fabio; Pohlak, Meelis; Eerme, Martin; **Klauson, Aleksander** 2018 International Conference on Materials Science and Manufacturing Engineering (MSME 2018) MATEC web of conferences 2019 / art. 02003, 7 p. : ill <https://doi.org/10.1051/matecconf/201925302003>

## **Induction brazing of cermets to steel and eddy current testing of joint quality**

Laansoo, Andres; Kübarsepp, Jakob; Surženkov, Andrei; Land, Raul; Märtens, Olev; Viljus, Mart Welding in the World 2020 / p. 563–571 <https://doi.org/10.1007/s40194-020-00854-x> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

## **Keevisõmbluste mittepurustav katsetamine [Võrguteavik] : kapillaarkatse. Aktsepteerimise tasemed = Non-destructive testing of welds : penetrant testing. Acceptance levels (ISO 23277:2015)**

2015 [http://www.estr.ee/record=b4532450\\*est](http://www.estr.ee/record=b4532450*est)

## **Keevisõmbluste mittepurustav katsetamine [Võrguteavik] : katsetamine ultraheliga. Aktsepteerimise tasemed = Non-destructive testing of welds : ultrasonic testing. Acceptance levels (ISO 11666:2010)**

2014 [http://www.estr.ee/record=b4440720\\*est](http://www.estr.ee/record=b4440720*est)

## **Keevisõmbluste mittepurustav katsetamine [Võrguteavik] : katsetamine ultraheliga. Meetodid, katsetamise tasemed ja hindamine = Non-destructive testing of welds : ultrasonic testing. Techniques, testing levels, and assessment (ISO 17640:2010)**

2015 [http://www.estr.ee/record=b4456155\\*est](http://www.estr.ee/record=b4456155*est)

## **Keevisõmbluste mittepurustav katsetamine [Võrguteavik] : magnetpulberkatse. Aktsepteerimise tasemed = Non-destructive testing of welds : magnetic particle testing. Acceptance levels (ISO 23278:2015)**

2015 [http://www.estr.ee/record=b4532453\\*est](http://www.estr.ee/record=b4532453*est)

## **Keevisõmbluste mittepurustav katsetamine [Võrguteavik] : ultraheliga katsetamine. Meetodid, katsetasemed ja hindamine = Non-destructive testing of welds : ultrasonic testing. Techniques, testing levels, and assessment (ISO 17640:2018)**

2018 [https://www.estr.ee/record=b5189262\\*est](https://www.estr.ee/record=b5189262*est)

## **Metalliöpetus ja metallide tehnoloogia. IV, Mehaanilised omadused ja teimimine. Mittepurustav kontroll : eesti-inglise-saksa-vene terminid ja määratlused**

2001 [http://www.estr.ee/record=b1540220\\*est](http://www.estr.ee/record=b1540220*est)

## **Mittepurustav katsetamine [Võrguteavik] : kapillaarkatse ja magnetpulberkatse. Vaatlemise tingimused (ISO 3059:2012) = Non-destructive testing : penetrant testing and magnetic particle testing. Viewing conditions (ISO 3059:2012)**

2016 [http://www.estr.ee/record=b4603989\\*est](http://www.estr.ee/record=b4603989*est)

## **On improving the efficiency of NDT**

Ravasoo, Arvi First Baltic-Scandinavian Symposium on Mechanics : abstracts 1990 / p. 47-48

## **On the effects of different regimes of plasma pulses affecting the material due to their succession**

Paju, Jana; Laas, Tõnu; **Priimets, Jaanis**; Väli, Berit; **Shirokova, Veronika**; Laas, Katrin Nuclear materials and energy 2019 / p. 312-320 : ill <https://doi.org/10.1016/j.nme.2019.01.012> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Optimised signal processing for nonlinear ultrasonic nondestructive testing of complex materials and biological tissues = Optimeeritud signaalitöötlus mittelineaarse komplekssete materjalide ja bioloogiliste kudede mittepurustavaks testimiseks ultraheliga = Traitement du signal optimisé pour l'évaluation non linéaire non destructive des matériaux complexes et des tissus biologiques**

Lints, Martin 2017 <https://digi.lib.ttu.ee/ii/?8437>

**Precise eddy current measurements : improving accuracy of determining of electrical conductivity of metal plates**  
Märtens, Olev; Land, Raul; Gordon, Rauno; Min, Mart; Rist, Marek; Pokatilov, Andrei Lecture notes on impedance spectroscopy : measurement, modeling and applications. Vol. 4 2014 / p. 109-115 : ill

**Quantification of thickness loss in liquid-loaded pipes based on guided wave tomography**

Rao, Jing; **Ratassepp, Madis**; Fan, Zheng The 7th Asia-Pacific Workshop on Structural Health Monitoring, 2018 Nov, Hong Kong, China (APWSHM 2018) 2019 / 9 p. : ill <https://www.ndt.net/search/docs.php3?id=24103>

**Regular bridge inspection data improvement using non-destructive testing**

Kušar, M.; Galvao, N.; **Sein, Sander** Life cycle analysis and assessment in civil engineering: towards an integrated vision : proceedings of the Sixth International Symposium on Life-Cycle Civil Engineering (IALCCE 2018), 28-31 October 2018, Ghent, Belgium 2019 / p. 1793-1797 <https://www.taylorfrancis.com/books/9781351857574>

**Standards for acousto-mechanical evaluation of multiscale hysteretic properties of complex material with nonlinear time reversal imaging**

Dos Santos, Serge; Lints, Martin; Arruga, Denis; **Masood, Ali; Salupere, Andrus** Application of Contemporary Non-Destructive Testing in Engineering : conference proceedings 2017 / p. 49-57 : ill <https://www.ndt.net/search/docs.php3?showForm=off&id=22548> <http://lab.fs.uni-lj.si/latem/ndt/userfiles/file/Conference%20proceedings,%20ICNDT%202017.pdf>

**Ultraheli reedab materjalide nähtamatud vigastused**

Ratassepp, Madis; Lints, Martin Horisont 2022 / lk. 48-52 : fot [https://www.estr.ee/record=b1072243\\*est](https://www.estr.ee/record=b1072243*est)

**Uncertainty in condition prediction of bridges based on assessment method - case study in Estonia**

**Sein, Sander; Idnurm, Juhan; Matos, José C.** IABSE Symposium Guimarães 2019 : Towards a Resilient Built Environment - Risk and Asset Management, March 27-29, 2019, Guimarães, Portugal 2019 / p. 1758–1765 : ill  
[https://www.researchgate.net/publication/333704021\\_Uncertainty\\_in\\_condition\\_prediction\\_of\\_bridges\\_based\\_on\\_assessment\\_method\\_-\\_case\\_study\\_in\\_Estonia](https://www.researchgate.net/publication/333704021_Uncertainty_in_condition_prediction_of_bridges_based_on_assessment_method_-_case_study_in_Estonia) <https://doi.org/10.2749/guimaraes.2019.1758>

**Исследование процесса усталостного разрушения углеродистой конструкционной стали методом непрерывного дефектоскопирования : автореферат ... кандидата технических наук**

Masing, Juhani 1955 [http://www.estr.ee/record=b1394905\\*est](http://www.estr.ee/record=b1394905*est)

**Контроль толщины покрытий и его метрологическое обеспечение : тезисы докладов III Всесоюзного научно-технического совещания**

1979 [https://www.estr.ee/record=b4575032\\*est](https://www.estr.ee/record=b4575032*est)

**Микроскопическое и рентгенографическое исследование процесса усталости малоуглеродистой стали**

Mosberg, Rudolf 1957 [http://www.estr.ee/record=b2135314\\*est](http://www.estr.ee/record=b2135314*est)

**Микроскопическое и рентгенографическое исследование процесса усталости малоуглеродистой стали : автореферат...кандидата технических наук**

Mosberg, Rudolf 1957 [http://www.estr.ee/record=b1385171\\*est](http://www.estr.ee/record=b1385171*est)