

Biosignaalide töötamise uurimisrühm = Biosignal Processing Research Group

Bachmann, Maie Tervisetehnoloogiad eile, täna, homme : 30 aastat Tervisetehnoloogiate instituuti ning Eesti Biomeditsiinitehnika ja Meditsiinfüüsika Ühingu = Health technologies yesterday, today and tomorrow : 30 years of the Department of Health Technologies and the Estonian Society for Biomedical Engineering and Medical Physics 2024 / lk. 37-41, p. 35-39 : ill

Biosignal interpretation : study of cardiac arrhythmias and electromagnetic field effects on human nervous system

Lass, Jaanus 2002 http://www.ester.ee/record=b1715357*est

Eestis langes tähtis otsus: 5G ei tapa [Võrguväljaanne]

Pau, Aivar tehnika.postimees.ee 2019 / fot [Eestis langes tähtis otsus: 5G ei tapa](#)

Effects of 7 Hz-modulated 450 MHz electromagnetic radiation on human performance in visual memory tasks

Lass, Jaanus; Tuulik, Viiv; Ferenets, Rain; Riisalo, R.; Hinrikus, Hiie International journal of radiation biology 2002 / 10, p. 937-944 : ill https://www.researchgate.net/publication/11005068_Effects_of_7_Hz-modulated_450_MHz_electromagnetic_radiation_on_human_performance_in_visual_memory_tasks

Electromagnetic radiation interaction with human being

Riipulk, Jevgeni; Hinrikus, Hiie 10th Nordic-Baltic Conference on Biomedical Engineering. Satellite Symposium on Bioelectromagnetic and Biomechanic Measurements, June 13-15, 1996, Tallinn, Estonia 1996 / p. 14-19

Elektromagnetiline ühilduvus

Joller, Jüri; Risthein, Endel 2004 https://www.ester.ee/record=b1936688*est

Elektromagnetiline ühilduvus

Joller, Jüri; Risthein, Endel 2004 https://www.ester.ee/record=b1936691*est

Elektromagnetiline ühilduvus

Risthein, Endel 2007 https://www.ester.ee/record=b2260690*est

Elektromagnetiline ühilduvus

Risthein, Endel 2007 https://www.ester.ee/record=b2260745*est

Elektromagnetiline ühilduvus. Osa 5-6, Paigaldus- ja leevendusjuhendid [Võrguteavik] : välise elektromagnetiliste häirete leevendamine = Electromagnetic compatibility (EMC). Part 5-6, Installation and mitigation guidelines : mitigation of external EM influences (IEC/TR 61000-5-6:2002)
2015

Elektromagnetiline ühilduvus. Osa 6-3, Erialsed põhistandardid. Olme-, kaubandus- ja väiketööstuskeskkondade emissioonistandard = Electromagnetic compatibility (EMC). Part 6-3, Generic standards. Emission standard for residential, commercial and light-industrial environments (IEC 61000-6-3:2006/A1:2010)
2011 https://www.ester.ee/record=b2680173*est

Elektromagnetiline ühilduvus. Osa 6-3, Erialsed põhistandardid. Olme-, kaubandus- ja väiketööstuskeskkondade emissioonistandard = Electromagnetic compatibility (EMC). Part 6-3, Generic standards. Emission standard for residential, commercial and light-industrial environments (IEC 61000-6-3:2006+A1:2010)
2011 https://www.ester.ee/record=b2680169*est

Elektromagnetiline ühilduvus. Osa 6-4, Erialsed põhistandardid. Tööstuskeskkondade emissioonistandard = Electromagnetic compatibility (EMC). Part 6-4, Generic standards. Emission standard for industrial environments (IEC 61000-6-4:2006/A1:2010)
2011 https://www.ester.ee/record=b2680179*est

Elektromagnetiline ühilduvus. Osa 6-4, Erialsed põhistandardid. Tööstuskeskkondade emissioonistandard = Electromagnetic compatibility (EMC). Part 6-4, Generic standards. Emission standard for industrial environments (IEC 61000-6-4:2006+A1:2010)
2011 https://www.ester.ee/record=b2680178*est

Elektromagnetkiirgus mõjub tervisele : [ka uuringutest TTÜs]

Hinrikus, Hiie Eesti Töötervishoid 2009 / 1, lk. 27-30

Elektromagnetväljad: masinate mäss või terviseoht?

Kütt, Lauri EhitusEST 2023 / lk. 24-27 : fot https://www.ester.ee/record=b4442657*est

EMC considerations on PCB design for a high-power converter control system [Electronic resource]

Roasto, Indrek; Vinnikov, Dmitri; Klytta, Marius Proceedings of 5th International Conference 2007 : Compatibility in Power

Electronics : 29 May - 1 June 2007, Gdynia, Poland 2007 / [4] p. [CD-ROM] <https://ieeexplore.ieee.org/document/4296544>

Environmental radiofrequency radiation at the Järntorget Square in Stockholm Old Town, Sweden in May, 2018 compared with results on brain and heart tumour risks in rats exposed to 1.8 GHz base station environmental emissions
Hardell, Lennart; Carlberg, Michael; Hedendahl, Lena; **Koppel, Tarmo**; Ahonen, Mikko World academy of sciences journal 2019 / p. 47-54 : ill <https://doi.org/10.3892/wasj.2018.5>

High ambient radiofrequency radiation in Stockholm city, Sweden

Carlberg, Michael; Hedendahl, Lena; **Koppel, Tarmo**; Hardell, Lennart Oncology letters 2019 / p. 1777-1783 : ill
<https://doi.org/10.3892/ol.2018.9789> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High radiofrequency radiation at Stockholm old town : an exposimeter study including the Royal Castle, Supreme Court, three major squares and the Swedish Parliament

Hardell, Lennart; Carlberg, Michael; **Koppel, Tarmo**; Hedendahl, Lena Molecular and clinical oncology 2017 / p. 462-476 : ill
<https://doi.org/10.3892/mco.2017.1180>

Increasing incidence of thyroid cancer in the Nordic countries with main focus on Swedish data

Carlberg, Michael; Hedendahl, Lena; Ahonen, Mikko; **Koppel, Tarmo**; Hardell, Lennart BMC cancer 2016 / p. 1-15 : ill
<https://doi.org/10.1186/s12885-016-2429-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Inimesele toimivate elektri-, magnet- ja elektromagnetväljade (0 Hz kuni 300 GHz) mõõtmis- ja arvutusviiside põhistandard [Võrguteavik] = Basic standard on measurement and calculation procedures for human exposure to electric, magnetic and electromagnetic fields (0 Hz - 300 GHz)

2019 https://www.ester.ee/record=b5294775*est

Is the increasing incidence of thyroid cancer in the nordic countries caused by use of mobile phones?

Carlberg, Michael; **Koppel, Tarmo**; Hedendahl, Lena K.; Hardell, Lennart International journal of environmental research and public health 2020 / 9 p. : ill <https://doi.org/10.3390/ijerph17239129> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Juttu kassiga, kes kõnnib omapead ehk raadiofüüsik biomeditsiinitehnikas : [vestlus Hiie Hinrikusega]

Hinrikus, Hiie; Veskimäe, Rein Horisont 2000 / 3, lk. 12-17 : fot https://artiklid.elnet.ee/record=b1004292*est

Kuidas mõjub kiirgus tervisele?

Põld, Merit harjuelu.ee 2023 [Kuidas mõjub kiirgus tervisele?](#)

Living cell as a receiver of microwave radiation

Hinrikus, Hiie; Riipulk, Jevgeni Proceedings of the Estonian Academy of Sciences. Engineering 1999 / 4, p. 260-269
https://artiklid.elnet.ee/record=b1002528*est

Measurements of radiofrequency radiation with a Body-Borne exposimeter in Swedish schools with Wi-Fi

Hedendahl, Lena; Carlberg, Michael; **Koppel, Tarmo**; Hardell, Lennart Frontiers in public health 2017 / p. 1-14 : ill
<https://doi.org/10.3389/fpubh.2017.00279> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microwave reflectance and transmittance properties of conductive composite materials

Shishkin, Andrei; **Koppel, Tarmo**; Mironov, Viktor; Hussainova, Irina; Locs, Janis; Haldre, Heldur Energy procedia 2017 / p. 354-361 : ill <https://doi.org/10.1016/j.egypro.2017.04.006> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

On the issues of spatial modeling of non-standard profiles by the example of electromagnetic emission measurement data

Iakovleva, Emiliia; Belova, Margarita; Soares, Amilcar; **Rassõlkin, Anton** Sustainability 2022 / art. 574
<https://doi.org/10.3390/su14010574> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Porous materials for EMI shielding

Gupta, Nikhil; Singh, Ashish Kumar; Shishkin, Andrei; **Koppel, Tarmo** Materials for potential EMI shielding applications : processing, properties and current trends 2020 / p. 287-314 <https://www.elsevier.com/books/materials-for-potential-emi-shielding-applications/kuruville/978-0-12-817590-3> <https://doi.org/10.1016/B978-0-12-817590-3.00018-X>

Raadiofüüsik: 5G ei ole tervisele hullem kui 4G. Vähemalt esialgu [Võrguväljaanne]

Ennet, Priit novaator.err.ee 2022 [Raadiofüüsik: 5G ei ole tervisele hullem kui 4G. Vähemalt esialgu](#)

Raadiofüüsika professor: 5G peatamise asemel võiks Eesti karmistada elektromagnetkiirguse piirnorme

Hinrikus, Hiie Eesti Päevaleht 2019 <https://epl.delfi.ee/arvamus/raadiofuusika-professor-5g-peatamise-ase-86523935>

Raadiolokatsioon

Riikoja, Helmut Erik Populaar- ja rakendustehniline kogumik. 2 1949 / lk. 28-33 : ill https://www.ester.ee/record=b1435798*est

Radiofrequency radiation from nearby mobile phone base stationsIa case comparison of one low and one high exposure apartment

Koppel, Tarmo; Ahonen, Mikko; Carlberg, Michael; Hedendahl, Lena; Hardell, Lennart Oncology letters 2019 / p. 5383-5391 : ill <https://doi.org/10.3892/ol.2019.10899> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reflection and transmission properties of common construction materials at 2.4 GHz frequency

Koppel, Tarmo; Shishkin, Andrei; Haldre, Heldur; Toropovs, Nikolajs; Vilcane, Inese; **Tint, Piia** Energy procedia 2017 / p. 158-165 <https://doi.org/10.1016/j.egypro.2017.04.045> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Safety management of electromagnetic fields in the work environment = Elektromagnetväljade ohutusjuhtimine töökohtadel

Koppel, Tarmo 2019 <https://digi.lib.ttu.ee/?11585>

Spin-waves in magnetoelectric materials with strong single-ion anisotropy = Spinn-lained tugeva anisotroopiaga magnetelektrilistes materjalides

Peedu, Laur 2022 <https://doi.org/10.23658/taltech.69/2022> <https://digikogu.taltech.ee/et/Item/b0fe0699-1bc6-407d-bcce-2d0600f4ddd4> https://www.ester.ee/record=b5527933*est

Study of effects of modulated microwaves on human perception of visual information

Rodina, Anastasia; **Riipulk, Jevgeni**; **Hinrikus, Hiie** Biological Effects of EMFs : 2nd International Workshop, Rhodes, Greece, 7-11 October 2002 : proceedings. Volume I 2002 / p. 478-481 : ill

TEMPEST ja selle rakendamise seaduslikkus

Toomsalu, Liis; **Toomsalu, Arvo** A & A 2000 / 6, lk. 8-14 https://artiklid.elnet.ee/record=b1005700*est

Threshold of radiofrequency electromagnetic field effect on human brain

Hinrikus, Hiie; **Lass, Jaanus**; **Bachmann, Maie** International journal of radiation biology 2021 / p. 1505-1515 : ill <https://doi.org/10.1080/09553002.2021.1969055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tundmatu kiirus meie taskus ja ajus. Mobiiltelefon : suhtlemise abivahend või hirmsate haiguste allikas? : [Hiie Hinrikuse kommentaariga]

Pass, Kadri SL Õhtuleht 2004 / 16. nov., lk. 10 <https://www.oh tuleht.ee/165522/tundmatu-kiirus-meie-taskus-ja-ajus>

К вопросу об эффективной длине диффузии носителей заряда в условиях перепоглощения рекомбинационного излучения

Velmre, Enn Тезисы докладов Республиканской научно-технической конференции "Современные методы и устройства радиоэлектронного оборудования", посвященной Дню радио. Секция: полупроводниковые приборы 1981 / с. 32-33 https://www.ester.ee/record=b1310801*est

Перспективы применения датчиков и преобразователей излучения в народном хозяйстве

Mellikov, Enn 1988 https://www.ester.ee/record=b1524288*est