


Martelius, M, Stadius, K, Lemberg, J, Nieminen, T, Anttila, L & Valkama, M 2016, Multilevel outphasing power amplifier system with a transmission-line power combiner. in *Conference on Ph.D. Research in Microelectronics and Electronics (PRIME 2016)*. IEEE, Conference on Ph. D. Research in Microelectronics and Electronics, 1 January. DOI: 10.1109/PRIME.2016.7519469


Rizwan, M, Adhur Kutty, A, Kgwadi, M, Drysdale, TD, Ukkonen, L & Virkki, J 2016, Comparative study of inkjet and thermal printing for fabrication of passive UHF RFID tags. in *2016 10th European Conference on Antennas and Propagation (EuCAP)*. IEEE, European Conference on Antennas and Propagation, 1 January. DOI: 10.1109/EuCAP.2016.7481956


Tamminen, P, Viheriäkoski, T, Sydänheimo, L & Ukkonen, L 2015, 'ESD qualification data used as the basis for building electrostatic discharge protected areas' Journal of Electrostatics, vol 77, 3024, pp. 174-181. DOI: 10.1016/j.elstat.2015.08.009

Viheriäkoski, T, Kohtamäki, J, Peltoniemi, T & Tamminen, P 2015, Benchmarking of Factory Level ESD Control. in Electrical Overstress/Electrostatic Discharge Symposium Proceedings 2015. vol. 2015, 6B.1, IEEE COMPUTER SOC, USA, Electrical Overstress/Electrostatic Discharge Symposium, 1 January. DOI: 10.1109/EOSSED.2015.7314769

Tamminen, P, Viheriäkoski, T, Ukkonen, L & Sydänheimo, L 2015, ESD and Disturbance Cases in Electrostatic Protected Areas. in Electrical Overstress / Electrostatic Discharge Symposium Proceedings 2015. vol. 2015, 5B.2, IEEE COMPUTER SOC, USA, Electrical Overstress/Electrostatic Discharge Symposium, 1 January. DOI: 10.1109/EOSSED.2015.7314792


Rizwan, M, Rahmat-Samii, Y & Ukkonen, L 2015, Circularly Polarized Textile Antenna For 2.45 GHz. in Circularly Polarized Textile Antenna For 2.45 GHz. IEEE, pp. 51-52, IEEE International Microwave Workshop Series on RF and Wireless Technologies for Biomedical and Healthcare Applications, 1 January. DOI: 10.1109/IMWS-BIO.2015.7303755


Pääkkönen, R, Lundström, M, Mustaparta, J & Korpinen, L 2015, 'Examples of electromagnetic field (50–100 kHz) emissions from smart meters in Finland' Radioprotection, vol 50, no. 3, pp. 225 - 227. DOI: 10.1051/radiopro/2015004


Korpínen, L, Tarao, H, Pääkkönen, R & Gobba, F 2015, Possibility of decreasing 50 Hz electric field exposure with different coveralls under 400 kV power lines. in ISH2015 - The 19th International Symposium on High Voltage Engineering, Pilsen, Czech Republic, August, 23 – 28, 2015., 161, Pilsen, Czech Republic , International Symposium on High Voltage Engineering, 1 January.


Pääkkönen, R, Lundström, M, Mustaparta, J & Korpinen, L 2015, Emission of Smart Meter Electric Fields (50 -100 kHz) in Finland. in Progress In Electromagnetics Research Symposium, July 6-9, 2015, Prague, Czech Republic. Progress in electromagnetics research symposium, Electromagnetics Academy, pp. 565 - 567, Progress in Electromagnetics Research Symposium, 1 January.


Korpinen, L, Pääkkönen, R, Tarao, H, Okun, O & Sydänheim, L 2015, Examples of Variation in Measured ELF Electric Fields under 400 kV Power Lines. in Progress In Electromagnetics Research Symposium, July 6-9, 2015, Prague, Czech Republic. Progress in electromagnetics research symposium, Electromagnetics Academy, pp. 1104 - 1106, Progress in Electromagnetics Research Symposium, 1 January.


Korpinen, L, Okun, O & Sydänheimo, L 2015, Possible Methods for Limiting Exposure to the Electric Fields of High Voltage Power Lines on Active Implantable Medical Devices in the Human Body. in Progress In Electromagnetics Research Symposium, July 6-9, 2015, Prague, Czech Republic. Progress in electromagnetics research symposium, Electromagnetics Academy, pp. 1107 - 1110, Progress in Electromagnetics Research Symposium, 1 January.


Korpinen, L, Pääkkönen, R & Gobba, F 2015, 'Self-reported ache, pain, or numbness in hip and lower back and use of computers and cell phones amongst Finns aged 18–65' International Journal of Industrial Ergonomics, vol 48, pp. 70-76. DOI: 10.1016/j.ergon.2015.04.002


Pääkkönen, R & Korpinen, L 2015, Emission of smart meter electromagnetic field (50-100 kHz) in Finland. in 23rd international conference and exhibition on electricity distribution, CIRED, 15-18 June 2015, Lyon, France., 1484, International conference and exhibition on electricity distribution, pp. 1-4, International Conference and Exhibition on Electricity Distribution, 1 January.


Behfar, M, Moradi, E, Björninen, T, Sydänheimo, L & Ukkonen, L 2015, Design and technical evaluation of an implantable passive sensor for minimally invasive wireless intracranial pressure monitoring. in World Congress on Medical Physics and Biomedical Engineering, June 7-12, 2015, Toronto, Canada. IFMBE Proceedings, vol. 51, pp. 1301-1304, World Congress on Medical Physics and Biomedical Engineering, Canada, 1 January. DOI: 10.1007/978-3-319-19387-8_316

Khorramdel, B, Laurila, MM & Mäntysalo, M 2015, Metallization of high density TSVs using super inkjet technology. in 2015 IEEE 65th Electronic Components and Technology Conference (ECTC). IEEE, pp. 41-45, IEEE Electronic Components and Technology Conference, United States, 1 January. DOI: 10.1109/ECTC.2015.7159569

Heljo, PS, Schmidt, C, Klengel, R, Majumdar, HS & Lupo, D 2015, 'Electrical and thermal analysis of frequency dependent filamentary switching in printed rectifying diodes' *Organic Electronics*, vol 20, pp. 69-75. DOI: 10.1016/j.orgel.2015.02.001


Niittynen, J, Sowade, E, Kang, H, Baumann, RR & Mäntysalo, M 2015, 'Comparison of laser and intense pulsed light sintering (IPL) for inkjet-printed copper nanoparticle layers' *Scientific Reports*, vol 5, 8832. DOI: 10.1038/srep08832

Moradi, E, Koski, K, Hasani, M, Rahmat-Samii, Y & Ukkonen, L 2015, Antenna design considerations for far field and near field wireless body-centric systems. in *ICCEM 2015 - 2015 IEEE International Conference on Computational Electromagnetics*, 7052555, The Institute of Electrical and Electronics Engineers, Inc., pp. 59-60, IEEE International Conference on Computational Electromagnetics, United States, 1 January. DOI: 10.1109/COMPEM.2015.7052555


Okun, O. & Korpinen, L. 2015, 'Comparison of methods to define power line and substation's busbar wire capacitances in electric field calculation task' Bulgarian journal of public health, vol Supplement, VII, no. 2(1), pp. 55-61.


Palovuori, K & Rakkolainen, I 2015, Improved Interaction for Mid-Air Projection Screen Technology. in *Handbook of Research on Interactive Information Quality in Expanding Social Network Communications*. IGI Global, pp. 84-103. DOI: 10.4018/978-1-4666-7377-9.ch006


Korpinen, L & Pääkkönen, R 2015, 'Possibility to decreasing the 50Hz electric field exposure with different jackets' *Bulgarian journal of public health*, vol Supplement, VII, no. 2(1), pp. 62-65.


Hasani, M, Vena, A, Sydänheimo, L, Ukkonen, L & Tentzeris, MM 2014, A novel RFID-enabled strain sensor using the double power measurement technique. in 2014 IEEE MTT-S International Microwave Symposium (IMS), 1-6 June 2014, Tampa, FL, USA. Institute of Electrical and Electronics Engineers IEEE, pp. 1-4, International Microwave Symposium, 1 January. DOI: 10.1109/MWSYM.2014.6848285


Korpinen, L, Kuisti, H, Tarao, H, Pääkkönen, R & Elovaara, J 2014, 'Comparison of electric field exposure measurement methods under power lines' Radiation Protection Dosimetry, vol 158, no. 2, pp. 221-223. DOI: 10.1093/rpd/nct201


Korpinen, L, Kuisti, H & Elovaara, J 2014, 'Current densities and total contact currents for 110 and 220 kV power line tasks ' *Bioelectromagnetics,* vol 35, no. 7, pp. 531-535. DOI: 10.1002/bem.21870


Heljo, PS, Majumdar, HS & Lupo, D 2014, High Throughput Electrochemical Method for Contact Optimization in Printed Rectifying Diodes. in 2013 MRS Fall Meeting - Symposium M - Large-Area Processing and Patterning for Active Optical and Electronic Devices. MATERIALS RESEARCH SOCIETY, Materials Research Society Symposium, 1 January. DOI: 10.1557/opl.2014.386


Khorrmandel, B & Mäntysalo, M 2014, Inkjet Filling of TSVs with Silver Nanoparticle Ink. in 2014 Electronics System-Integration Technology Conference (ESTC), 16-18 September 2014, Helsinki, Finland. Institute of Electrical and Electronics Engineers IEEE, pp. 1-5, Electronics System-Integration Technology Conference, 1 January. DOI: 10.1109/ESTC.2014.6962741


Soltani, A, Kumpulainen, T & Mäntysalo, M 2014, Inkjet printed nano-particle Cu process for fabrication of re-distribution layers on silicon wafer. in 2014 IEEE 64th Electronic Components and Technology Conference (ECTC), 27-30 May 2014, Orlando, FL. Institute of Electrical and Electronics Engineers IEEE, pp. 1685-1689, Electronic Components and Technology Conference, 1 January. DOI: 10.1109/ECTC.2014.6897523


Korpinen, L 2014, L'enseignement sur « questions sur la santé et exposition aux champs électromagnétiques » à l'université de technologie de Tampere en Finlande. in Effets biologiques et sanitaires des rayonnements non ionisants, Limoges, 16 octobre 2014. SFRP, Effets biologiques et sanitaires des rayonnements non ionisants, 1 January.


Korpinen, L, Kuisti, H & Elovaara, J 2013, 'Current densities and total contact currents associated with 400kV power line tasks' Bioelectromagnetics, vol 34, no. 8, pp. 641-644. DOI: 10.1002/bem.21806


Björninen, T 2013, 'Improved loop matching techniques and other alternatives to achieve broadband impedance matching in antennas for far field RFID tags' IEEE - RFID Virtual Journal, no. 2.


