

### **Biomedical engineering education and professional accreditation in Estonia**

**Meigas, Kalju; Hinrikus, Hiie** Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia, p. 146-148

### **Comparison of different heart rate reconstruction algorithms for rate adaptive cardiac pacing**

**Lass, Jaanus; Hinrikus, Hiie; Meigas, Kalju; Kaik, Jüri** Medical & biological engineering & computing 1999 / Suppl. 2, Proceedings of the European Medical & Biomedical Engineering Conference : EMBEC'99 : November 4-7, 1999, Vienna, Austria. Part 2, p. 1282-1283

### **Comparison of ECG QT interval and monomorphic action potential duration dynamicity at heart rate variations**

**Meigas, Kalju; Hinrikus, Hiie** Medical & biological engineering & computing 1997 / Part 1, World Congress on Medical Physics and Biomedical Engineering : XVIII International Conference on Medical and Biological Engineering and XI International Conference on Medical Physics, September 14-19, 1997, Nice, France, p. 435

### **DSP-based device for multi-frequency bio-impedance measurement**

**Märtens, Olev** Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering : NBCBME'99 : June 6-10, 1999, Tallinn, Estonia, p. 165-170

### **ECG QT interval dispersion assessment to identify the sudden death risk of patients with various heart diseases**

**Kaik, Jüri; Meigas, Kalju; Lass, Jaanus; Kaik, Veera** Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia, p. 240-241

### **Implementation of surface EMG for rehabilitation studies**

**Ferenets, Rain; Tuulik, Viuu; Lass, Jaanus** Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia, p. 416-417: ill

### **Intracardiac bio-impedance measurement for cardiac rhythm control**

**Holmström, Nils; Järverud, Karin; Min, Mart; Noren, Kjell; Parve, Toomas** Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering : NBCBME'99 : June 6-10, 1999, Tallinn, Estonia, p. 163-164: ill

### **Joint Baltic biomedical engineering and physics courses**

**Dekhtyar, Yuri; Hinrikus, Hiie; Katashev, Alexei; Kingisepp, Peet-Henn; Lukosevicius, Arunas; Meigas, Kalju; Öberg, Ake; Soosaar, Andres; Spigulis, Janis; Tabakov, Slavik** Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia, p. 144-145

### **Linear dependence of myocardium oxygen consumption on stress-strain area predicted by cross-bridge model**

**Vendelin, Marko; Bovendeerd, Peter; Arts, Theo; Engelbrecht, Jüri; Campen, Dick H. van** Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia, p. 63-66: ill

### **Low-level microwave field effects on living systems**

**Hinrikus, Hiie** Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia, p. 45-49

### **Medical physics in joint Baltic courses**

**Hinrikus, Hiie; Dekhtyar, Yuri; Lukosevicius, Arunas; Meigas, Kalju; Öberg, Ake; Riipulk, Jevgeni; Roberts, Colin; Tabakov, Slavik** Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia, p. 159-160

### **Microwave radiometric system for exploration of breast cancer tumors**

**Riipulk, Jevgeni; Hinrikus, Hiie** Medical & biological engineering & computing 1997 / Part 1, World Congress on Medical Physics and Biomedical Engineering : XVIII International Conference on Medical and Biological Engineering and XI International Conference on Medical Physics, September 14-19, 1997, Nice, France, p. 358

### **Microwave radiometry for medical applications**

**Riipulk, Jevgeni; Hinrikus, Hiie** Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia, p. 99-102: ill

### **Modelling of heart rate, based on measured physiological parameters for rate adaptive cardiac pacing**

**Meigas, Kalju; Hinrikus, Hiie; Kaik, Jüri; Lass, Jaanus; Sliwa, Waldemar** Medical & biological engineering & computing 1997 / Part 1, World Congress on Medical Physics and Biomedical Engineering : XVIII International Conference on Medical and Biological Engineering and XI International Conference on Medical Physics, September 14-19, 1997, Nice, France, p. 447

### **Modulated microwave effects on EEG alpha-waves**

**Lass, Jaanus; Tuulik, Viuu; Hinrikus, Hiie** Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th

Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia, p. 105-108: ill

**Multisine dynamic EBI spectrum analyser for in vivo experiments**

**Min, Mart; Märten, Olev; Parve, Toomas** Medical & biological engineering & computing 1999 / Suppl. 2, Proceedings of the European Medical & Biomedical Engineering Conference : EMBEC'99 : November 4-7, 1999, Vienna, Austria. Part 1, p. 144-145

**Non-linear analysis of the electro-encephalogram for detecting effects of low-level electromagnetic fields**

**Bachmann, Maie; Kalda, Jaan; Lass, Jaanus; Tuulik, Viuu; Säkki, Maksim; Hinrikus, Hiie** Medical & biological engineering & computing 2005 / 1, p. 142-149 : ill

**Nonlinear digital filtering of physiological signals**

**Lipping, Tarmo** Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia, p. 73-76: ill

**Optical method for pulse wave velocity and pulse profile registration**

**Meigas, Kalju; Hinrikus, Hiie; Kattai, Rain; Lass, Jaanus** Medical & biological engineering & computing 1999 / Suppl. 2, Proceedings of the European Medical & Biomedical Engineering Conference : EMBEC'99 : November 4-7, 1999, Vienna, Austria. Part 2, p. 924-925: ill

**Pulse parameters registration using self-mixing in a diode laser as optical coherent method**

**Meigas, Kalju; Kattai, Rain; Lass, Jaanus** Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia, p. 93-96: ill

**Reproducibility of non-invasive parameters which reflect cardiac ventricular repolarization prolongation and inhomogeneity**

**Kaik, Jüri; Lass, Jaanus; Meigas, Kalju; Kaik, Veera** Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia, p. 230-231

**Sensitivity of platelets to PAF in patients with coronary artery disease**

**Kobzar, Gennadi; Mardla, Vilja; Rätsep, Indrek** Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia, p. 242-243

**Simple laser-diode device for particles suspension flow detection**

**Kattai, Rain; Meigas, Kalju; Lass, Jaanus** Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia, p. 313-314: ill

**Simple system for quality assessment of radioaerosols in daily clinical practice**

**Meigas, Kalju; Nazarenko, Sergei** Medical & biological engineering & computing 1996 / Part 1, Proceedings of the 10th Nordic-Baltic Conference on Biomedical Engineering, June 9-13, 1996, Tampere, Finland, p. 249-250: ill

**The device and method for monitoring hip joint rehabilitation process**

**Tamre, Mart; Ajaots, Mairo** Medical & biological engineering & computing Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering : June 6-10, 1999 Tallinn, Estonia 1999 / p. 410-411: ill [https://www.ester.ee/record=b1292540\\*est](https://www.ester.ee/record=b1292540*est)