

## **Jaakko Malmivuo**

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## **BIOGRAPHICAL SKETCH**

### **A. Education**

1971 Diploma Engineer, Helsinki University of Technology  
1976 Doctor of Technology, Helsinki University of Technology

### **B. Positions**

1972-75 Clinical Engineer, University of Helsinki, 1st Medical Clinic  
1974-76 Researcher, Stanford University  
1976-85 Assoc Prof of Bioelectromagnetism, Tampere University of Technology  
1986-2010 Professor of Bioelectromagnetism, Tampere University of Technology  
2010 Adjunct Professor, Aalto University, Finland  
Visiting professor: 1988 Berlin, 1989 Halifax, 1993 Tokyo, 2006 Barcelona and 2012 Aizu-Wakamatsu, Japan.

### **C. Honors and Awards**

2003 International Academy of Medical and Biological Engineering, Fellow  
2007 IEEE EMBS, Fellow  
2008 Finnish Society for Medical Physics and Medical Engineering, Honorary Member  
2012 European Alliance for Medical and Biological Engineering & Science, Founding Fellow

### **D. Publications**

1976 On the Detection of the Magnetic Heart Vector - An Application of the Reciprocity Theorem, (Thesis) 1995  
J. Malmivuo and R. Plonsey: Bioelectromagnetism, Oxford University Press, New York  
- 20 Plenary talks in international scientific conferences  
- About 20 educational books  
- 4 patents  
The total number of publications is over 600.

Full CV and complete list of publications may be found at:  
[www.bem.fi/malmivuo](http://www.bem.fi/malmivuo)

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