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LECTURE NOTES 2

Proceedings of the Workshop
on
Ultrasound in Biomeasurements, Diagnostics
and Therapy

Gdańsk-Sobieszewo, 7th-9th September 2004

edited by

A. Nowicki and J. Litniewski



abiomed

Centre of Excellence for
Applied Biomedical Modelling and Diagnostics

WARSAW 2004

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ABIOMED LECTURE NOTES

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*Edition of this volume has been partially supported
by the European Commission*



56172

ISSN 1733-0874

Skład: Ziemowit Klimonda, Marcin Lewandowski

Papier offset, kl. III, 80g, B1

Druk i oprawa: Drukarnia Braci Grodzickich, Piaseczno, ul. Geodetów 47a

FOREWORD

The Workshop is a part of the activity of the Centre of Excellence ABIOMED (Applied Biomedical Modelling and Diagnostics), organized within the Fifth Framework Programme of the European Commission – Quality of Life and Management of Living Resources.

The main aim of the Workshop is to be an open field for the discussion of recent research and developments in medical ultrasounds.

16 original lectures presented by distinguished scientists, active in medical ultrasounds were selected to be published in the Conference Proceedings covering the following topics:

- Ultrasonic elastography
- Time reversal acoustics
- High frequency ultrasound for superficial tissue imaging
- Doppler ultrasound
- Contrast agents
- Assessment of bone status
- Ultrasonic transducers
- Non-linear ultrasounds

A. Nowicki and J. Litniewski

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