

## Workshop 10 – Multimedia Technologies in Medical Training

**Organisation:** M. Baumeister (RWTH Aachen),  
A. Becks (Uni Dortmund), S. Sklorz,  
C. Tresp (RWTH Aachen), U. Tüben  
(Uni Dortmund)

Montag, 22. September 1997, 10:00 – 10:30	<i>Opening</i>	<b>Raum: Fo4</b>
10:30 – 11:05	<i>Invited Lecture I: Digital Body Models</i> K. H. Höhne (Uni Hamburg)	
11:20 – 12:35	<b>Session I/Learning in Medical Applications &amp; Databases</b> <i>Indexing Medical Abstracts Databases</i> M. Baumeister (RWTH Aachen), A. Becks (Uni Dortmund), S. Sklorz, C. Tresp (RWTH Aachen), U. Tüben (Uni Dortmund) <i>Noninvasive Measurement of Elastic Properties of Living Tissue</i> M. Maaß, K. Kühnapfel (Forschungszentrum Karlsruhe) <i>A Neuro-Fuzzy Approach for the Description and Simulation of Elastic Tissues</i> A. Radetzky, A. Nürnberger, D. P. Pretschner (Uni Braunschweig)	
13:55 – 14:30	<i>Invited Lecture II:</i> N.N.	
14:45 – 16:00	<b>Session II/Communication in Multimedia Systems</b> <i>COBRA-controlled, Web-based Advanced Telecommunications Services for Medical Tele-Education</i> K. Anagnostakis, S. Sartzetakis (F.O.R.T.H. Heraklion) <i>Technical Overview of an Annotation Service for Medical Training in a Heterogeneous Healthcare Environment</i> H. Benz, S. Fischer, R. Mecklenburg (Uni Stuttgart) <i>Creating On-Line Graphical Illustrations for Medical Texts</i> S. Schlechtweg, A. Raab (Uni Magdeburg)	
16:10 – 16:55	<b>Panel Discussion</b> <i>Multimedia in Medicine: A Possibility for Industrial Applications?</i>	
17:00 – 18:45	<b>Poster/Software Demonstration &amp; Discussion</b>	<b>Raum: SFo4</b>

Dienstag, 23. September 1997, 09:00 – 09:50	<b>Session III (PartOne)/Preclinical Teaching &amp; Tutoring</b> <i>Software Development in Medical Training - A Survey of Seven Years and Changing Concepts</i> N. Niemeyer, S. Müller, G. Niemeyer, A. Zembic, D. Grönemeyer (Uni Tübingen) <i>The Virtual Microscope</i> H.-P. Rohr, P. Groscurth (Uni Zürich)	<b>Raum: Fo4</b>
10:10 – 11:00	<b>Session III (Part Two)/Preclinical Teaching &amp; Tutoring</b> <i>Computer-aided Teaching of Brain Anatomy</i> R. Bock, T. Hagen, O. Kretz, C. Poblitzki, C. Seitz (Uni Saarbrücken) <i>Hypermed - Teaching Cross-sectional Anatomy</i> J. Weidemann, D. C. Novak, H. P. Hohn, H.-W. Denker (Uni Essen), J. Hiltner, B. Reusch (Uni Dortmund)	
11:05 – 11:40	<i>Invited Lecture III: From Past to Future of Multimedia Training in Anatomy and Radiology</i> D. Graf v. Keyserlingk (RWTH Aachen)	
12:55 – 13:45	<b>Session IV (Part One)/Clinical Aspects</b> <i>CELT: An Intelligent Electrocardiology Tutoring Tool</i> C. Hannigan, M. Murphy, K. Adamson <i>Medical Training via World Wide Web</i> W. Rascher, T. Krause, H. Dietrich, J. Steiß, M. Rauwolf, M. Albrecht, P. Martini (Uni Bonn)	
14:05 – 14:55	<b>Session IV (Part Two)/Clinical Aspects</b> <i>Use of DIANE in Pathology Training</i> J. Badal, X. Castella, J. Padullés	
15:00 – 15:25	<b>Final Discussion</b>	

# Informatik '97

**Informatik als Innovationsmotor**

**27. Jahrestagung der Gesellschaft  
für Informatik**

**24. – 26. September 1997  
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**Workshops**