

Table of Contents

Foreword	V
Introduction	XI

I. Digital Projection Radiography

– Expert Meeting 1990 –

1. Digital Image Intensifier Radiography

Working Groups:

Prof. Dr. C. D. Claussen (Tübingen)	5
Prof. Dr. H. K. Deininger (Darmstadt)	7
Prof. Dr. R. Felix (Berlin)	9
Prof. Dr. M. Georgi (Mannheim)	11
Dr. J. C. Hellekamp, E. A. von Reth (’s-Hertogenbosch, Netherlands)	15
Prof. Dr. E. Löhr (Essen)	19
Prof. Dr. H. E. Riemann (Frankfurt)	21

2. Luminescence Radiography

Working Groups:

Prof. Dr. G. Friedmann (Cologne)	25
Prof. Dr. M. Galanski (Hannover)	29
Prof. Dr. M. Georgi (Mannheim)	35
Prof. Dr. H. Gremmel (Kiel)	39
Prof. Dr. Dr. J. Lissner (Munich)	43
Prof. Dr. E. Löhr (Essen)	47
Prof. Dr. P. E. Peters (Münster)	53
Prof. Dr. H. E. Riemann (Frankfurt)	57
Prof. Dr. W. Wenz (Freiburg)	63

3. Digital Image Intensifier Radiography and Luminescence Radiography

Working Groups:

Prof. Dr. E. Grabbe (Göttingen)	67
Prof. Dr. R. W. Günther (Aachen)	71

Expert Discussion: "Digital Projection Radiography – Radiodiagnostics of the Future?"	75
--	----

List of Participants	85
---------------------------------------	----

II. Digital Imaging of the Thorax

– Expert Meeting 1991 –

Thoracic Radiographs –

Quality Requirements and Diagnostic Value

H. St. Stender	89
--------------------------	----

1. Digital Image Intensifier Radiography

Working Groups:

Prof. Dr. M. Georgi (Mannheim)	103
Prof. Dr. R. W. Günther (Aachen)	105
Prof. Dr. B. Kramann (Homburg)	107
Prof. Dr. K. Lackner (Würzburg)	109
Prof. Dr. H. E. Riemann (Frankfurt)	111

2. Luminescence Radiography

Working Groups:

Prof. A. L. Baert (Leuven)	117
Prof. Dr. E. Bücheler (Hamburg)	121
Prof. Dr. G. Friedmann (Cologne)	127

Prof. Dr. M. Galanski (Hannover) 133

Prof. Dr. M. Georgi (Mannheim) 139

Prof. Dr. Dr. h. c. P Gerhardt (Munich) 143

Prof. Dr. E. Grabbe (Göttingen) 145

Prof. Dr. R. W. Günther (Aachen) 147

Prof. Dr. B. Kramann (Homburg) 151

Prof. Dr. K. Lackner (Würzburg) 153

Prof. Dr. E. Löhr (Essen) 157

Prof. Dr. P. E. Peters (Münster) 161

Prof. Dr. H. E. Riemann (Frankfurt) 165

Prof. Dr. W. Wenz (Freiburg) 169

**3. Advanced Multiple Beam Equalization Radiography
(AMBER)**

Working Groups:

Prof. Dr. M. Georgi (Mannheim) 173

Prof. Dr. H. E. Riemann (Frankfurt) 175

Prof. Dr. T. Schmidt (Nuremberg) 179

Prof. Dr. L. Schultze-Kool (Leiden) 181

4. Laser/Video Imagers

Working Groups:

Prof. Dr. M. Georgi (Mannheim) 185

Prof. Dr. R. W. Günther (Aachen) 187

Prof. Dr. K. Lackner (Würzburg) 189

**Expert-Discussion: “Digital Imaging of the Thorax –
Progress in Radiodiagnostics?” 191**

List of Participants 197