

# 1995 IMIA YEARBOOK of MEDICAL INFORMATICS

The 1995 IMIA Yearbook on Medical Informatics has now appeared, with the title *Computer-based Patient Records*. About 9,000 copies of this Yearbook are distributed worldwide, primarily among members of Societies that belong to IMIA. The Figure on the cover of the Yearbook represents the environment of integrated computer-based patient records. IMIA's President, Dr Marion Ball, has written the preface for the 1995 Yearbook.

As reported last year, many readers consider the Yearbook a rich source of information that allows them to follow the developments in the field; the Yearbook is also used for teaching and for special courses.

## *Selection Process*

For this Yearbook, the editors accepted suggestions for articles in the Yearbook that were published in refereed journals during the period September 1993 through December 1994. The articles in the Yearbook were selected with the help of about 30 referees from different countries who assisted the editors in their final selection. Each article has been reviewed by at least three referees, and reviewers looked specifically at the following criteria: significance to medical informatics; health care and/or medicine; quality of scientific and/or technical content; originality and innovativeness; reference to related prior work; and organization and clarity of presentation.

## *Articles*

This year the Yearbook contains 47 articles organized into seven sections. Each section includes a Synopsis by one of the guest editors of the 1995 Yearbook. The sections and guest editors are: Health and Clinical Management (Dr. H. Takeda, Japan), Computer-based Patient Records (Dr. F. Borst, Switzerland), Information Systems (Dr. M. Frisse, USA), Image and Signal Processing (Dr. N. Sarannummi, Finland), Decision Support Systems (Dr. H. Heathfield, UK), Knowledge Processing (Dr. Y. Shahar, USA), and Education (Dr. P. Dev, USA). The synopses should give the reader of the Yearbook a good idea about the content of each section and a sense of the current issues in the field.

## *Review Papers*

The solicited review papers included in this volume are all concerned with the topic of the computer-based patient record, the theme of this year's Yearbook. Original papers have been contributed by Dr. J. Cimino, USA, Dr. A.M. van Ginneken, the Netherlands, Dr. J-R Scherrer, Switzerland, Dr. D. Detmer, USA, and Dr. C. Safran, USA. Together, these papers give further insight into the issues involved, as hospitals and other health-care institutions make more and more of their data available in electronic form.

## *Education and Training*

Last year the Yearbook included, for the first time, descriptions of the education and training programs at several institutions. This year that tradition has been continued. This year's descriptions include the programs at Columbia University, New York, USA (Drs. P. Clayton and J. Cimino), Stanford University, Palo Alto, USA (Dr. E. Shortliffe), Charles University, Prague, the Czech Republic (Dr. J. Zvarova), Broussais University Hospital, Paris, France (Dr. P. Degoulet), and Linköping University, Linköping, Sweden (Dr. O. Wigertz).

## *IMIA pages*

The so-called 'IMIA pages' in the Yearbook contain a host of information on IMIA, its Member Societies and its Working Groups. The Section on Working Groups was prepared by Dr Jean-Raoul Scherrer from Geneva, IMIA's Vice President for Special Interest Groups and Working Groups. IMIA's Secretary, Dr Bjarte Solheim from Oslo, contributed to the general IMIA pages, and most IMIA representatives offered us material for describing the backgrounds of their respective Societies.

## *Subject Indexes*

Two subject indexes are provided at the end of the volume. The first is a subject index of the articles included in the Yearbook. The second is a subject index of all articles that appeared during 1994 in six medical informatics journals: Computers and Biomedical Research, Computer Methods and Programs in Biomedicine, International Journal of Biomedical Computing, Journal of the American Medical Informatics Association, Medical Informatics, and Methods of Information in Medicine. A full listing of all articles from these journals is also included.

Ordered number of Yearbooks

	1992	1993	1994	1995
Australia	100	100	-	-
Austria	50	50	50	50
Belgium	200	200	250	250
Bosnia Hercegovina	-	-	-	-
Brazil	400	150	250	100
Canada	50	-	-	-
China	100	40	-	-
Croatia	-	100	-	-
Czechoslovakia	15	-	-	20
Denmark	20	250	225	450
European Union	-	-	1000	-
Finland	-	-	-	-
France	250	100	125	100
Germany	1000	400	400	300
Indonesia	20	-	-	-
Ireland	-	100	-	-
Italy	-	-	-	-
Japan	1200	1400	1200	1000
Korea	-	100	-	100
Malaysia	50	-	-	-
Netherlands	240	50	100	350
New Zealand	50	-	50	-
Norway	100	100	50	50
Portugal	20	-	-	-
S Africa	-	150	-	150
Romania	-	-	-	-
Singapore	100	50	-	-
Spain	50	-	-	-
Sweden	350	200	50	50
Switzerland	350	350	350	370
Thailand	100	-	-	-
UK	1000	200	100	50
Ukraine	-	-	100	-
USA	2500	3000	3500	3500
WHO	200	50	100	100
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Total	8515	7140	7900	7005

*1996 IMIA YEARBOOK OF MEDICAL INFORMATICS*

ORDER FORM  
SUGGESTED ARTICLES  
TEXT for YEARBOOK  
to be returned before December 31st, 1995

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Name Advisory Editor/IMIA Representative/Chairman:

Address:

Tel:

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E-mail:

signed:

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*ORDER FORM for 1996 IMIA YEARBOOK OF MEDICAL INFORMATICS*

YES, our Society wants to order

copies of the 1996 IMIA Yearbook of Medical Informatics for a price of DM 16.--. For orders by societies within the European Union, this will be DM 16.-- + VAT (minimum 100 copies).

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*SUGGESTIONS for ARTICLES in 1996 IMIA YEARBOOK*

YES, I want to propose articles from refereed journals for the 1995 IMIA Yearbook. I will mail my suggestions **before December 31st, 1995** and will enclose reprints.

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*BACKGROUND MATERIAL on OWN SOCIETY*

(please see also 1995 Yearbook)

YES, I want to submit a description of our Society of Medical Informatics for the 1996 IMIA Yearbook. The text will be sent to the Editors before **January 31st, 1996** (print and floppy, or by e-mail).

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Please send this form by mail or fax to:

Editors of the 1996 IMIA YEARBOOK of MEDICAL INFORMATICS

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