

ALSO AVAILABLE

NEW PUBLICATION

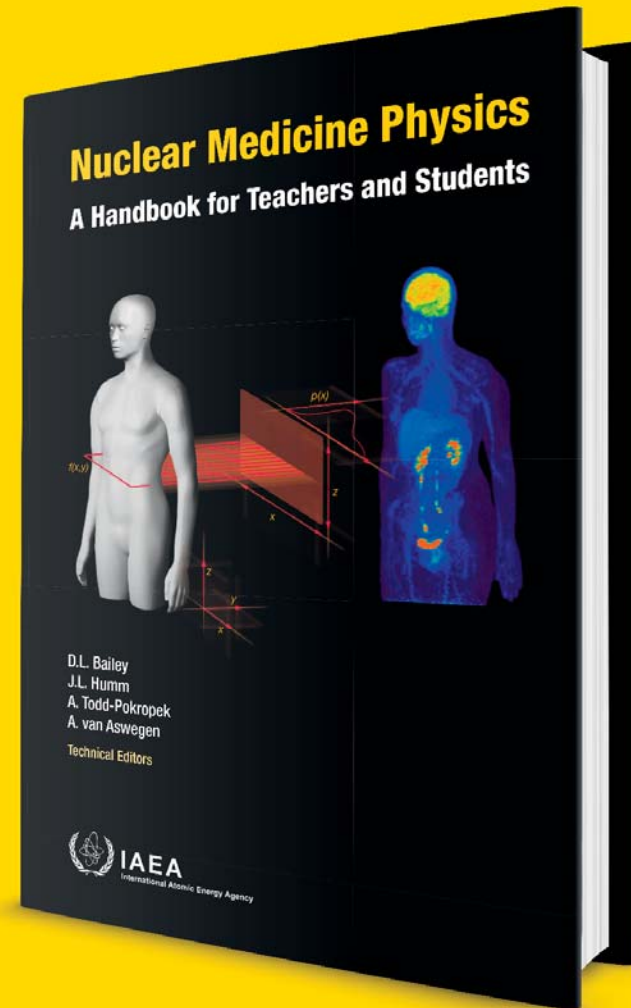
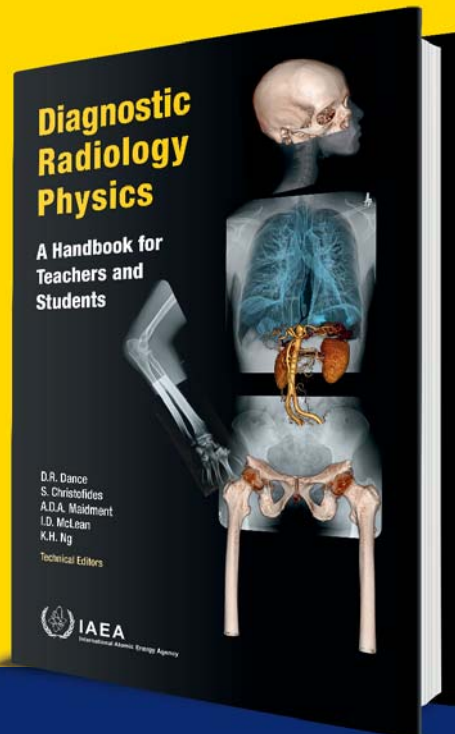
Radiation Oncology Physics: A Handbook for Teachers and Students

(657 pp., 137 figs; 2005) • ISBN 92-0-107304-6 • STI/PUB/1196 • €65.00



Diagnostic Radiology Physics: A Handbook for Teachers and Students

(682 pp., 251 figs; 2014) • ISBN 978-92-0-131010-1 • STI/PUB/1564 • €90.00



14-02601

Order form

ISBN	Title	Copies	Price (€)
	Total*		

* Prices do not include shipping and handling and are subject to change.

Name _____

Full Address _____

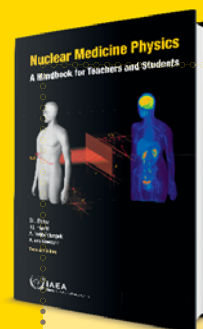
Tel _____ Fax _____ Email _____

Payment by MasterCard Visa No: _____ Expiry date: _____

Payment on receipt of invoice.

Mail or fax this order to:

International Atomic Energy Agency
Vienna International Centre, PO Box 100, 1400 Vienna, Austria
Fax: +43 (1) 2600-29302 Tel: +43 (1) 2600-22529 / 22530
Email: sales.publications@iaea.org www.iaea.org/books



Nuclear Medicine Physics: A Handbook for Teachers and Students

This publication provides the basis for the education of medical physicists initiating their university studies in the field of nuclear medicine. The handbook includes 20 chapters and covers topics relevant to nuclear medicine physics, including basic physics for nuclear medicine, radionuclide production, imaging and non-imaging detectors, quantitative nuclear medicine, internal dosimetry in clinical practice and radionuclide therapy. It provides, in the form of a syllabus,

a comprehensive overview of the basic medical physics knowledge required for the practice of medical physics in modern nuclear medicine.

(736 pp., 237 figs; 2015) • ISBN 978-92-0-143810-2 • STI/PUB/1617 • €105.00

Contents:

CHAPTER 1: BASIC PHYSICS FOR NUCLEAR MEDICINE	E.B. PODGORSK, et al.
CHAPTER 2: BASIC RADIOBIOLOGY	R.G. DALE, et al.
CHAPTER 3: RADIATION PROTECTION	S.T. CARLSSON, et al.
CHAPTER 4: RADIONUCLIDE PRODUCTION	H.O. LUNDQVIST
CHAPTER 5: STATISTICS FOR RADIATION MEASUREMENT	M.G. LÖTTER
CHAPTER 6: BASIC RADIATION DETECTORS	C.W.E. VAN EIJK
CHAPTER 7: ELECTRONICS RELATED TO NUCLEAR MEDICINE IMAGING DEVICES	R.J. OTT, et al.
CHAPTER 8: GENERIC PERFORMANCE MEASURES	M.E. DAUBE-WITHERSPOON
CHAPTER 9: PHYSICS IN THE RADIOPHARMACY	R.C. SMART
CHAPTER 10: NON-IMAGING DETECTORS AND COUNTERS	P.B. ZANZONICO
CHAPTER 11: NUCLEAR MEDICINE IMAGING DEVICES	M.A. LODGE, et al.
CHAPTER 12: COMPUTERS IN NUCLEAR MEDICINE	J.A. PARKER
CHAPTER 13: IMAGE RECONSTRUCTION	J. NUYTS, et al.
CHAPTER 14: NUCLEAR MEDICINE IMAGE DISPLAY	H. BERGMANN
CHAPTER 15: DEVICES FOR EVALUATING IMAGING SYSTEMS	O. DEMIRKAYA, et al.
CHAPTER 16: FUNCTIONAL MEASUREMENTS IN NUCLEAR MEDICINE	M.J. MYERS
CHAPTER 17: QUANTITATIVE NUCLEAR MEDICINE	J. OUYANG, et al.
CHAPTER 18: INTERNAL DOSIMETRY	C. HINDORF
CHAPTER 19: RADIONUCLIDE THERAPY	G. FLUX, et al.
CHAPTER 20: MANAGEMENT OF THERAPY PATIENTS	L.T. DAUER

Early Order Discount

Order the book before **31 May 2015** to qualify for a discounted price of €52.50 plus postage.

Text Adoption

If you teach a relevant graduate course and would like to recommend the book to your students, we would be pleased to send you a free inspection copy*. Please send your request with details of the course to sales.publications@iaea.org

*subject to limited availability

Bulk Orders

Discounts are available for bulk orders.