

Aalener Schriften zur Betriebswirtschaft
hrsg. von Prof. Dr. Robert Rieg

Band 2

**Laetus O. K. Lategan,
Ulrich D. Holzbaaur (Editors)**

**Managing applied research:
theories, cases and perspectives**

Shaker Verlag
Aachen 2009

Bibliographic information published by the Deutsche Nationalbibliothek

The Deutsche Nationalbibliothek lists this publication in the Deutsche Nationalbibliografie; detailed bibliographic data are available in the Internet at <http://dnb.d-nb.de>.

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Printed in Germany.

ISBN 978-3-8322-8191-5

ISSN 1865-2379

Shaker Verlag GmbH • P.O. BOX 101818 • D-52018 Aachen

Phone: 0049/2407/9596-0 • Telefax: 0049/2407/9596-9

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MANAGING APPLIED RESEARCH: THEORIES, CASES AND PERSPECTIVES

This book is written for the scientist and student doing research as well as for research managers at universities, research institutes, government institutions, in business or industry. The book is divided into two sections in which perspectives, theory and case studies on research management are discussed. The first section follows the line from basic considerations about research and the research culture to the managerial aspects of research. The second section contains case studies that highlight important aspects of research management. The first section starts with a description of the research cycle and the cultural basics of a research organisation. The role of research for society and the methods of organising and managing research are also attended to. The second section starts with an analysis of the implementation of a research plan and the organisation of research at the contributing universities. Two chapters are also devoted to the importance of postgraduate supervision and scientific writing and how they should be managed. Other topics that deserve attention are commercialisation and transfer of research and the management of a research activity.