## **Preface**

This book covers important aspects of modern optical communication. It is intended to serve both students and professionals. Consequently, a solid coverage of the necessary fundamentals is combined with an in-depth discussion of recent relevant research results.

The book has grown from lecture notes over the years, starting 1992. It accompanies my present lectures Optical Communication A (Fundamentals), B (Mode Coupling), C (Modulation Formats) and D (Selected Topics) at the University of Paderborn, Germany.

I gratefully acknowledge contributions to this book from Dr. Timo Pfau, Dr. David Sandel, Dr. Sebastian Hoffmann and Mohamed El-Darawy.