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Lothar D. Lilge

Ronald Sroka

Editors

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Introduction

This year's Medical Laser Applications and Laser Tissue Interaction conference was held as part of the European Conferences on Biomedical Optics in Munich and was supported by the German Society for Laser Medicine (DGLM). Starting with the Poster Session, 14 posters were presented and discussed with the participants. There were six different sessions including six invited, and 27 regular, oral presentations covering the broad spectrum of laser applications in medicine such as ophthalmology, laser applications in soft and hard tissue, diagnosis in terms of monitoring and feedback techniques, photosensitizers and nanoparticles useful for photodynamic therapy, and laser and light in the brain.

Overall, highly motivated presenters in combination with an attentive and highly interested audience and encouraging chairs resulted in exciting discussions immediately after each lecture as well as outside the lecture hall. The attendance of the sessions was high.

Although not all presenters contributed a manuscript for publication, within this volume 29 lectures are summarized. We hope that during this conference you found new ideas for your scientific research and made new scientific contacts to improve the laser medical approaches for the benefit of patients.

We would like to thank all speakers and chairs for your motivation and cooperation, as well as all attendees for interesting and fruitful discussions and comments during these days in Munich. We hope to see you again in 2017.

**Ronald Sroka
Lothar Lilge**