

Preface

On the occasion of Wolfhart Zimmermann's 70th birthday a conference on Quantum Field Theory was held on June 21–24, 1998 at the Ringberg Castle situated in the splendid scenery of Upper Bavaria.

Twelve invited speakers gave talks on topics related in one or the other way to the scientific work of Wolfhart Zimmermann. All participants agreed that the conference was a great success and we would like to thank the speakers for their interesting and well-prepared talks covering a wide range of interesting actual quantum field theoretical problems.

With great regret we had received the short-term cancellation of Harry Lehmann's participation due to his worsening health conditions. Harry Lehmann, like Wolfhart Zimmermann, one of the pioneers of modern QFT had planned to give a historical talk on the "Göttinger Feldverein", which we are sure would have been spiced with many personal anecdotes. Harry Lehmann died a few months later on Nov. 22, 1998.

In addition to the talks held at the conference we decided to include in these proceedings a small selection of Wolfhart Zimmermann's scientific papers, which proved fundamental to various important developments of modern QFT as there are the treatment of bound states in QFT, Renormalized Perturbation Theory, Composite Operators and Operator Product Expansions. We resisted the temptation to include the famous LSZ papers from the fifties, whose content has already entered in most of the standard text books on QFT.

We would like to thank the Max Planck Society for funding the conference and A. Hörmann and his crew at the Ringberg Castle for their warm hospitality and perfect organization.

Munich,
July 2000

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Quantum Field Theory

Proceedings of the Ringberg Workshop Held at

Tegernsee, Germany, 21-24 June 1998 On the Occasion

of Wolfhart Zimmermann's 70th Birthday

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2000, VIII, 323 p., Hardcover

ISBN: 978-3-540-67972-1