

# Preface

In this volume, we are glad to present a collection of research papers and expository articles that mainly follow the lectures given at the XXIVth International Workshop on Operator Theory and its Applications (IWOTA) held at the Indian Institute of Science, Bangalore in December, 2013. The proceedings of the XXIVth IWOTA contains papers mainly in two areas: operator algebras and mathematical physics. The papers on operator algebras include works on Čebyšev subspaces of  $C^*$ -algebras, operator spaces and quantum group actions on von Neumann algebras. The papers on mathematical physics are on Krein's trace formulae and coherent states as well as on Schrödinger operators on hypersurfaces.

Many referees worked very hard and contributed significantly to the quality of the papers and hence our special thanks go to them. The large gathering of colleagues from different parts of the world in diverse fields related to operator theory that happened at Bangalore from 16 to 20 December, 2013 would not have been possible without the financial support of the following organizations:

National Science Foundation, USA;  
Indo-US Science and Technology Forum;  
International Centre for Theoretical Physics;  
National Board for Higher Mathematics, India;  
and  
Indian Statistical Institute.

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As is the tradition, the proceedings of this IWOTA appears as a volume in the series *Operator Theory: Advances and Applications* published by Springer Basel. We appreciate the smooth interaction we had. It was a pleasure to work together with Springer Basel for this volume. Finally, it was a great learning experience to organize the XXIVth IWOTA and we thank all participants for the opportunity.

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