

Preface

Chair's Statement

AUTEX 2023 was held on 26-28 June 2023 at the RMIT University's beautiful Brunswick campus in Melbourne, Australia, as a blended conference split about 50/50 between online and in-person modes. There were over 100 participants from 5 continents and 26 countries. Papers spanned the range from traditional textile engineering to sustainability in fashion, from manufacturing to the textile-human interface, and from fashion to textiles used as medical interventions.

Both abstract and full manuscript submissions to the conference were peer-reviewed. The Book of Abstracts from the AUTEX 2023 World Textile Conference was published separately and can be found at <https://doi.org/10.4028/b-N8sbQE>.

The current edition includes the papers that were selected from AUTEX 2023 and focused on the themes of ecological aspects of textile production, supply chain management practice and training processes in the apparel industry, and some solutions and concepts in modern fashion design. The presented selection will be interesting and useful to specialists whose activity is related to the textile and apparel industry. These articles were recommended for publication by experts in the field after a stringent peer review by a minimum of two international experts to ensure the quality of the publication.

The AUTEX conferences bring together academics, researchers and industry partners from various universities, research and technological centres and companies who are interested in the amazing areas of fibres, textiles, clothing and more. The AUTEX conference serves as a platform for exchanging ideas, presenting the latest developments and trends, proposing new solutions, promoting international collaborations, and networking.

Many experts contributed to the peer review of the full manuscripts submitted to this book. Their time and efforts, as well as high-quality professional reviews, are greatly appreciated.

AUTEX 2023 Chair,
Prof. Steve Michielsen

Committees

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Chair: Prof. Steve Michielsens

Co-Chair: Dr Scott Mayson

Secretary: Prof. Lijing Wang

Members: Prof. Rajiv Padhye, Dr Xin Wang, Dr Amanpreet Singh, Ms Cherie Windsor

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Chair: Prof. Rajiv Padhye

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Editor

Lijing Wang, RMIT University, Australia