

Preface

Scientists from all over the world participated in the conference and they have contributed with the communication of their valuable research work. Representatives from the industry and important decision makers have been together with the academic researchers and the creation and exchange of ideas has formed a fertile community, active from the first until the last moment of the AITAE 2018 Conference.

The main goal of the AITAE 2018 conference was to bring together academic scientists and researchers, industrialists and industry engineers, policy and administration specialists to exchange ideas and to share their experiences and results. After the successful organization of the AITAE 2018 Conference, the feedback received has confirmed that the goal of the AITAE 2018 has been fully achieved.

We would like to thank all the members of the Organizing Committee and the Scientific Committee for their continuous support during the time of the preparation and even after the Conference as well as for their contribution to maintain the high level of the AITAE 2018 Conference.

Sincere thanks to the members of the International Scientific Committee for their huge efforts in the abstracts review period and then during the full text review of the articles. The big number of the contributions imposed a very high work load in the phase of the reviews, however the members of the International Scientific Committee with the high degree of responsibility have carried out successfully the difficult tasks.

The AITAE 2018 conference couldn't be successful without the support of many members of the academic and administrative community of the University of West Attica. We truly thank all those who made this event happen and among them, Dr. Konstantinos - Stefanos Nikas, Mr. Evangelos Louris, Mr. Ioannis Chronis, Mr. Anastasios Tzerachoglou, and Mr. Aristidis Repoulias for the time spent and the insistence to overcome the minor and major difficulties with their hard work. In addition to them, the At-holidays travel agency personnel had guaranteed the quality of the travel and accommodation of the majority of our guests.

Last but not least we thank our sponsors Ouzo of Plomari, CreThiDev, IGFA for their real support and care for the strengthening of the and AITAE 2018 Conference.

After a very efficient cooperation with the IOP Publishing personnel, we have the pleasure to present to the participants and to the textile academic, research and industrial community the proceedings of the AITAE 2018 Conference. Thanks once again for your participation and active contribution to the success of AITAE 2018 Conference.

Prof. Dr. Savvas Vassiliadis

Dr. Georgios Priniotakis

