



Association of  
Universities for Textiles



Gheorghe Asachi  
Technical University of Iasi,  
Romania



Faculty of Textiles, Leather  
and Industrial Management

# AUTEX 2015

## PROCEEDINGS

15th World Textile Conference  
June 10 -12, 2015  
Bucharest, Romania



PERFORMANTICA



## 15<sup>TH</sup> AUTEX WORLD TEXTILE CONFERENCE 2015

### ~ PROCEEDINGS ~

JUNE 10-12, 2015  
THE PALACE OF THE NATIONAL MILITARY CIRCLE  
BUCHAREST/ROMANIA

#### Organization

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ISBN 978-606-685-276-0

**Editor: Mirela Blaga**

**Editorial Board: C. Loghin, M. Blaga, D. Dan, C. Piroi, I. Cristian, D. Negru, M. Costea, A. Cerempei, D. Ionesi, B. Sarghie**

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**ISBN 978-606-685-276-0**

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## **WELCOME MESSAGE OF THE ORGANIZERS**

**Dear colleagues, experts, students,**

It is a great pleasure for me to welcome you to one of the most important scientific events 15<sup>th</sup> Autex World Textile Conference 2015, organized by "Gheorghe Asachi" Technical University of Iași, Faculty of Textiles, Leather and Industrial Management, in Bucharest, the capital of Romania.

The Autex conference is already a brand in the field of textile research, and it became a good opportunity for the International community to present their research and interact with other top Researchers, Scientists, Students and Industry.

Since 1995, when The "Gheorghe Asachi" Technical University of Iași, through its Faculty of Textiles, Leather and Industrial Management first attended to Autex organization, its members have been actively involved in the life of the community and now becoming the organizers of the 15<sup>th</sup> edition of the Autex conference.

It is a real honour for us to host this event, we have welcomed participants coming from 41 countries, and it is encouraging to see many young people around the world, attending the conference, as a challenging scientific and social experience. In this regard, we thank you all who have submitted your papers and thus supported our efforts to facilitate latest research results to be presented in our country.

I am fully convinced that during the conference, you will receive multiple benefits, from promotion of the new ideas through networking and interaction, to exchanging of the latest information and knowledge, covered by a wide variety of topics from the program.

On behalf of the Organizing Committee, I wish to express my sincere thanks to the International Scientific Committee, the Participants, the Presenters and the Sponsors, for their valuable contribution to a successfull conference.

My sincere gratitude is dedicated to my colleagues, members of the organizing committee, for their unconditional involvement and commitment to this teamwork.

In the spirit of the renowned hospitality of our people, I wish you an unforgettable scientific and social event in Bucharest, Romania!

**Prof. Dr. Mirela BLAGA, Ctext ATI  
Chair of the organizing committee Autex 2015**



## VENUE: PALACE OF NATIONAL MILITARY CIRCLE, BUCHAREST

Known for its wide, tree-lined boulevards, glorious Belle Époque buildings and a reputation for the high life, which in the 1900s earned its nickname of "Little Paris", Bucharest is today a bustling metropolis.

The Palace of National Military Circle is a historic and architectural monument and is one of the national cultural heritages buildings. It is situated in the historic center of Bucharest, at the crossway of two main roads: The Boulevard of Victory and Boulevard Queen Elisabeth.



The history of the building of this palace is closely related to the development of the institution it hosts: The Armed Forces Officers Club of the Bucharest garrison, founded at 15th of December 1877, which first performed its activities in several rented spaces in the city. The idea of building a great, imposing palace, an architectural monument, belonged to General Eracle Arion, who expressed in 1889 the will of the officers of the Bucharest's garrison to have their own place for the Armed Forced Officers Club.

The architect Dimitrie Maimarolu projected the Palace of the National Armed Forces Officers Club, considering the preferences of the era, in an the eclectic neoclassicism style, very wide spread in the artistic fields of Europe in the second half of the 19th century and the beginning of the 20th century. By the spring of 1916, Palace of National Military Circle was already a landmark of Bucharest. It was completed in early 1916, but its inauguration, expected for the autumn of the same year, had to be delayed because of Romania's entry into World War alongside the Western Powers. The Palace hosted in the first years after World War military activities of representation and official military protocol, as were the foreign delegations from 1919-1923, led by Marshal Ferdinand Foch , General Henri Mathias Berthelot or Admiral John Robeck Baronett.

Later it was used for the official visits of defense ministers and chiefs of staff from almost all the countries in the world, but mostly from N.A.T.O. and the E.U.

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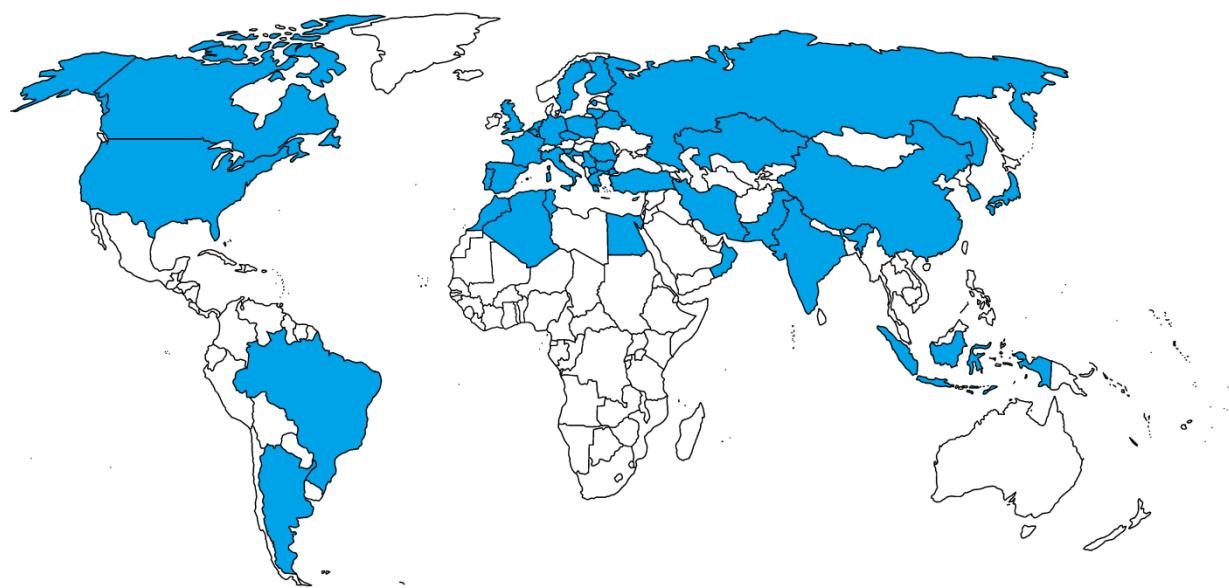
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