

## EDITOR'S NOTE

The Manufacturing Engineering Association from Romanian universities (AUIF) has organized important events in the last period, such as, the 12-th International Conference MTeM 2015 and the anniversary of 60 years since the first “TCM” – Manufacturing Engineering teaching program was established at Cluj-Napoca, in 1955. Department of Manufacturing Engineering (DME) is among the departments and teaching programs with the longest tradition in Romania.

This issue of the AJME Journal is publishing some papers presented within the MTeM 2015 Conference and some papers received from experienced academic staff and researchers who are members of the AUIF community.

The aim of the MTeM Conference was to bring together experts in Manufacturing Engineering, in order to exchange ideas and make new connections to extend and develop partnerships between the researchers from Romania and other European Countries.

Applied research is a priority within the Department of Manufacturing Engineering (DME) from Technical University of Cluj-Napoca. Academic staff from DME is actively involved in research, in order to produce knowledge, besides the teaching activities at all three levels: undergraduate, master and doctorate level.

The most important gain from the cooperation with industry is for the students, who benefit from attending the updated courses, where the topics and solutions are from the actual industry, on how to sort out real tasks and challenges that the industry is facing in our days. In this manner, the students have the opportunity to be involved and taught with the hands on practical issues, related to the industrial companies that the DME is cooperating with.

TCM – Manufacturing Engineering has become a brand in Romania. The idea to celebrate the 60-th anniversary of TCM Cluj appeared in 2014, when it was the 60-th anniversary of TCM Bucharest. TCM Braşov and TCM Iaşi also celebrated their anniversary recently.

TCM – Manufacturing Engineering is the teaching programme taught within all the technical universities from Romania. A lot of students are attending the TCM programme, as TCM has a good correlation with the engineering labour market.

Many industrial companies are looking for TCM graduates, with design technology competences, manufacturing abilities and strong computing knowledge.

More than 10.000 TCM engineers studied in Cluj-Napoca, since 1955, when it was the first TCM bachelor degree, within the Technical University of Cluj-Napoca. Besides a long tradition, TCM Cluj has also experienced academic staff and modern equipment for additive manufacturing, CNC machining, metal forming and other manufacturing technologies. TCM is taught in 3 languages at Cluj-Napoca (Romanian, German and English) and has other 3 extensions/branches in Zalău, Alba-Iulia and Satu-Mare.

In 2012, the TCM Cluj teaching programme received the EURACE accreditation (EURACE-Label), being the first engineering programme in Romania, which received the EURACE accreditation, as a recognition of high quality standards in engineering education.

Other papers presented within the MTeM 2015 conference were published in a book called “Modern Technologies in Manufacturing. This book has been sent to Thomson Reuters for evaluation, in order to be indexed as ISI Proceedings.

I strongly appreciate the contribution of the authors, who submitted valuable papers and agreed to do successive revisions of their papers, following the recommendations received from the reviewers.

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