

## CONTENTS

*Mihail Aurel ȚÎȚU*

*A word from our Editor-in-Chief* ..... 1

Mihaela **BOTIS**

STUDY ABOUT ALUMINIUM ETCHING ..... 3

Lucian **PAUNESCU**, Marius Florin **DRAGOESCU**, Sorin Mircea **AXINTE** and Ana Casandra Sebe

GLASS FOAM FROM BOROSILICATE GLASS WASTE PRODUCED IN MICROWAVE FIELD ..... 8

Maria **HUMIȚĂ**, Nicoleta **COJOCARIU**, Stefan-Alfred **MARIS** and Mihai **JĂDĂNEANȚ**

SOLUTIONS FOR THE MODERNISATION OF COLTERM TIMIȘOARA ..... 13

Mihai **MACHEDON-PISU**

RESEARCH ON SOLAR SINTERING FOR ELECTRICAL CONTACTS ..... 19

Alin **POP**

THE USE OF TIMED COLOURED PETRI NETS IN A MANUFACTURING PROCESS MODELING  
AND SIMULATION ..... 26

Gabriel **MALAIMARE**

ACUTE ASPECTS OF THE USE OF CONCENTRATE DIFFERENCES ..... 31

Adrian **PETRU**, Remus **BOBOESCU**

NUMBER OF LASER BEAM PASSES INFLUENCE ON SURFACE COLOR TO WOOD MARKING .... 36

Lucian-Mihai **CRIȘAN**, Ioan **BORZA**

MANAGEMENT OF MAINTENANCE FOR PHOTOVOLTAIC SYSTEMS ..... 40