

# CONTENTS

METALURGIA INTERNATIONAL vol. XV (2010), no.1  
ISSN 1582-2214

## MATERIALS SCIENCE

Simona BOICIUC: **PROPERTIES AND APPLICATIONS OF LASER CLADDING WITH HIGH - SPEED STEEL POWDER, TYPE M2**

.....5

Ion PENCEA, Cătălin Eugen SFĂȚ, C. BĂDILĂ: **AN ESSAY TOWARDS STOCHASTIC MODELING OF ATOMIC DIFFUSION IN BINARY ALLOYS**

.....13

Anișoara CORĂBIERU, Ștefan VELICU, Petrică CORĂBIERU, Dan Dragoș VASILESCU: **STUDY OF THE**

**BIMETALLIC LAYERS STRUCTURE BY SPECTROMETRY WITH LASER**

.....17

Ion Pencea, Cătălin Eugen Sfăt: **RESEARCHES FOCUSED ON MICROSTRUCTURAL AND SPECTROCHEMICAL ASPECTS CONCERNING STRUCTURAL BUILDING STEELS**

.....20

Jeni POPESCU, Valeriu VILAG: **UTILIZATION OF RENEWABLE FUELS IN AVIATION GAS TURBINES**

.....26

## ECONOMIC MANAGEMENT

Iuliana PREDESCU, Vasile ILIE, Antoniu PREDESCU, Stela TOADER, George Horia IONESCU: **MEASURING THE EFFECTS OF FISCAL POLICY AND ECONOMIC GROWTH THROUGH THE REAL WAGE**

.....29

Victor TROACĂ, Ion PÂRGARU, Mihaela Elvira TROACĂ: **DIAGNOSIS OF THE RISK OF BANKRUPTCY OF COMPANIES IN METALLURGY**

.....33

Ruxandra VILAG, Vasile ILIE, Gheorghe LEPĂDATU, George Horia IONESCU: **IS THE PROPAGATION OF FINANCIAL CRISIS DUE TO INVESTOR BEHAVIOUR?**

.....36

Radu MÂRȘANU: **ISP CLIENT'S MANAGEMENT SOFTWARE**

.....40

Radu MÂRȘANU: **E-LEARNING APPLICATION SOFTWARE**

.....45

Mihai RISTEA, Corina Graziella DUMITRU, Gheorghe LEPĂDATU: **LIBERTY AND CONCORDANCE IN BOOK-KEEPING**

.....49

## ENVIRONMENTAL AND SOCIAL ENGINEERING

Gelu Marian MOVILEANU, Maria VLAD: **STUDY OF THE LANDFILL WASTE IMPACT ON THE GROUNDWATER QUALITY IN THE CLOSE AREA**

.....54

Raisa RADU: **DIMITRIE GUSTI'S PATTERN FOR THE MONOGRAPH RESEARCH OF THE INDUSTRIAL ENTERPRISES**

.....58