

CCF 2012

THE 13th INTERNATIONAL CONFERENCE QUALITY AND DEPENDABILITY

WEDNESDAY, 5th September 2012

OPENING PLENARY MEETING

Chairman: *Dan STOICHIȚOIU – President of The Romanian Society for Quality Assurance, General Chairman of CCF2012*

Opening of the CCF 2012 International Conference Papers
Greeting Messages

PLENARY SESSION 1: *QUALITY MANAGEMENT*

Chairmen: *Gianluca MULE – Senior Manager EFQM, Belgium*
Prof. dr. Michele CANO – University of the West of Scotland, UK

From Quality Management to Sustainable Excellence: EFQM Excellence Model
Gianluca MULE – Senior Manager EFQM

“J.M. JURAN” Romanian Quality Award
Nicolae DRĂGULĂNESCU – Executive Director of “J.M. JURAN Romanian Quality Award” Foundation

A Comparative Study of the Motives for Obtaining and the Impacts of ISO 9001 Certification in UK Organisations
Michele CANO, Scott McCrosson – University of the West of Scotland

Media Quality Management Certification. New Approaches
Ioan BACIVAROV, Angelica BACIVAROV – EUROQUALROM, UPB

SR EN ISO 9001 in Supply Chain
Mircea MARTIȘ – General Manager ASRO

POSTER SESSION

Chairman: *Prof. dr. Ioan C. BACIVAROV – „Politehnica“ University Bucharest*

Quality Management. A New Approach
A. van der WIELE, J.D. Van IWAARDEN, S. ELDRIDGE – Erasmus University, Rotterdam, Holland

Post-Manufacturing Traceability: Legal/Market Trends and Best Practices
David BALME – Challenge Optimum S.A., Geneva, Switzerland

Dependability Estimation of Mechatronic Systems
Alin MIHALACHE, Fabrice GUERIN, Mihaela BARREAU – LASQUO, University of Angers, France
Ioan BACIVAROV, Angelica BACIVAROV – EUROQUALROM, UPB

Competitive Intelligence in Higher Education Quality Assurance
Maria Cristina MENDONÇA – Universidad de Coimbra, Portugal

A Contextualized Quality Problem-Solving Method
Laetitia AVRILLON, Maurice PILLET – Université de Savoie, Annecy Cedex, France

Accelerated Life Testing Models for Mechanical Components
F. Guérin, M. Barreau, A. Charki, A. Todoskoff, O. Tebbi – LASQUO, ISTIA, University of Angers, France

System Test Point – A New Metric in Software Quality Testing
K.Mahesh KUMAR, Gargi KEENI – Tata Consultancy Services, Powai, India
A.K.VERMA, A. Sri VIDYA – Indian Institute of Technology, Mumbai, India

An Analysis of the Main Informatic Attacks in Romania
Ioan-Cosmin MIHAI – Police Academy, Bucharest
Ioan C. BACIVAROV – EUROQUALROM, UPB

Development of a Decisional Strategy on Complex Systems Survivability
Costel CIUCHI – General Secretariat of the Romanian Government
Laura IANCU, Gabriel PETRICA, Ioan C. BACIVAROV – EUROQUALROM, UPB

PLENARY SESSION 2: RISK MANAGEMENT

Chairmen: *Steli LOZNEN – QA & Certification Manager, Israel Testing Laboratories*
Eugen NEACȘU – Auditor, SRAC CERT S.R.L.

The Risk Approach into Systems Lifecycle
Steli LOZNEN – Israel Testing Laboratories

Risk Assessment in Labor Security for Designing Engineer
Floarea BAICU – BAICONS S.R.L.

A New Approach for Measurement Uncertainty Estimation in Material Testing
Ion PENCEA – University Politehnica of Bucharest

Preventing Occupational Risks in Romania's Sanitary Units in Partnership with Personnel from the Health Care Sector
Steluța NISIPEANU, Ionel IORGA, Ruxandra CHIURTU, Maria HAIDUCU, Octavian IORGA – INCDPM „Alexandru Darabont“ Bucharest

Application of Risk Management in "Food Defense Plan" Designing and Implementing to a Hospital
Eugen NEACȘU, Cornelia ȘULEA – SRAC CERT S.R.L.

PLENARY SESSION 3: *QUALITY ASSURANCE IN EDUCATION*

Chairmen: *Prof. dr. ing. Nicolae DRAGULANESCU – General Secretary, the Romanian Foundation for Quality Promotion, Executive Director of “J.M. JURAN Romanian Quality Award“ Foundation*
Remus CHINĂ – Inspector, the Ministry of Education, Research, Youth and Sports

Quality in Education – Key Factors, Processes, Management
Remus CHINĂ – Ministry of Education, Research, Youth and Sports

Accreditation in Education. Approaches in Different Educational Systems
Manuela Aurora STOICA – Technical College „Toma N. Socolescu“

Universitary Management Models (UMM) in Ranking with the Clients' Satisfaction
Lidia CRISTEA – Romanian University of Sciences and Arts „Gh. Cristea“

How the Romanian Higher Education makes Changes Simply for the Sake of the Change
Constantin CODERIE, Mircea UDRESCU, Marcela GANEA – ARTIFAX University, Bucharest

How to improve the Post-Audit Communication between the Auditor and the Enterprise's Management
Mădălina IGNATOV, Daniela MORAR – Politehnica University of Bucharest

THURSDAY, 6th September 2012

PLENARY SESSION 4: RELIABILITY

Chairmen: *Paul PENCIOIU – Technical director ICPE*
Prof. dr. Angelica BACIVAROV – EUROQUALROM, UPB

Implementation Strategies for High Functional Importance Resilient Systems
Angelica BACIVAROV, Ioan BACIVAROV – EUROQUALROM, UPB

Reliability Testing of Micro and Nanostructured Epoxy/Rubber Blends
Marius BĂZU, Virgil Emil ILIAN – IMT Bucharest
Titu BĂJENESCU – C.F.C., La Conversion, Switzerland

Lead-Free Solder Joints Testing for Reliability Studies
Virgil Emil ILIAN, Marius BĂZU – IMT Bucharest
Virgil Liviu Mircea ILIAN – EUROQUALROM, UPB
Lucian GĂLĂȚEANU, Dragoș VÂRSESCU – IMT Bucharest
Alena PIETRIKOVÁ – Technical University of Košice, Košice, Slovakia

Using Leaky Integrators in the administration of Faults in an Autonomous Robot
Virgil L.M. ILIAN, Ioan C. BACIVAROV – EUROQUALROM, UPB

Fault Tree Analysis as a Reliability Management Technique in Autonomous Robots
Virgil L.M. ILIAN, Ioan C. BACIVAROV – EUROQUALROM, UPB

Researches Concerning Security in Long Term Evolution Mobile Networks
Laura IANCU, Ioan C. BACIVAROV – EUROQUALROM, UPB

Vulnerabilities and Risk Analysis in Document Management Systems
Costel CIUCHI – General Secretariat of the Romanian Government
Laura IANCU, Gabriel PETRICĂ, Angelica BACIVAROV – EUROQUALROM, UPB

Survivability Analysis Based on Attack Models
Ioan-Cosmin MIHAI – Police Academy Bucharest
Angelica BACIVAROV, Ioan C. BACIVAROV – EUROQUALROM, UPB

PLENARY SESSION 5: ENVIRONMENT MANAGEMENT

Chairmen: *Elena ZINCA – Technical Director, SRAC CERT S.R.L.*
Elena NECULA – Director, EUROSMART SYSTEMS S.R.L.

Intranet Solutions for Implementing IMS in Order to reduce the Bureaucracy in the PVC
Carpentry Companies
Elena NECULA – Eurosmart Systems S.R.L.
Radu TRUFIN – Izotec Group S.R.L.

Method for Determining Reference Levels on Energy Use and Energy Intensity
Leonida Brânduș STĂNOIU – Romanian Electrotechnical Committee (CER)

Improving of Services Quality in Public Administration by Implementing of Internal/
Managerial Control Standards according to OMPF 946/2005
Daniela MOLDOVAN – Apa Brașov Company

EMAS – Tool for Improving Environmental and Business Performance
Elena ZINCA – SRAC CERT S.R.L.
Felicia IOANA – Ministry of Environment and Forests, Bucharest

How can we transform Metal Waste in Raw Materials? (EU) Regulation no. 333/2011
Elena ZINCA – SRAC CERT S.R.L.

ISO 50001 – Support for improving Energy Performance
Elena ZINCA – SRAC CERT S.R.L.

FRIDAY, 7th September 2012

PLENARY SESSION 6

Chairmen: *Eugen COSMA – Production Director, MECANOENERGETICA S.A.*
Eugen STAN – Auditor, E.M.I. Test S.R.L.

The Development and Improvement of Integrated Management Systems by IRIS Standard Implementation and Certification in Railway Organizations – Need and Features
Irina TIHAN – ICPE SAERP S.A.

Certification of Manufacturers of Welded Structures According to EN ISO 3834 Series of Standards and EWF / IIW Directives
Marius Adrian OPROIU, Horia DAȘCĂU – ISIM Timișoara

Management and Research of Organizational Culture. The Concept of Corporate Social Responsibility (CSR) within Hotel Units in Romania
Gilda RUSU-ZAGAR, Ionel IORGA, Andrei IORGA, Octavian IORGA, Iulian Ioniță GHEORGHE, Cătălin RUSU-ZAGAR, Claudia IONESCU – INCDPM „Alexandru Darabont“ Bucharest

Audit – Basic Tool used in the “Conformity Assessment” Processes
Eugen STAN – E.M.I. Test S.R.L.

Approach of Six Sigma Methodology
Marius FLORESCU – CALITATE TOP 21 S.R.L.

PLENARY SESSION 7: THE ISO 9000 FORUM

Moderators: *Dr. Dan STOICHIȚOIU – President of the Romanian Society for Quality Assurance*
Prof. univ. dr. ing. Ioan C. BACIVAROV – Director, EUROQUALROM – ETTI, “Politehnica” University of Bucharest
Prof. univ. dr. ing. Nicolae DRĂGULĂNESCU – General Secretary, The Romanian Foundation for Quality Promotion; Executive Director “J.M. JURAN Romanian Quality Award” Foundation

Two Decades of Quality Management and Consumer Protection in Romania
Nicolae DRĂGULĂNESCU – The Romanian Foundation for Quality Promotion

The Situation of Management Systems Certification in Romania after 20 Years of Activity
Dan STOICHIȚOIU – Romanian Society for Quality Assurance

Four Decades of Reliability in Romania
Ioan BACIVAROV – EUROQUALROM, “Politehnica” University of Bucharest
Dan STOICHIȚOIU – Romanian Society for Quality Assurance

CLOSING OF THE CCF 2012 CONFERENCE