

International Conference Quality and Dependability

The 16th Edition

AGENDA



**PARTENER
GOLD**

CCF 2018



**Sinaia, Romania
September 26th-28th, 2018**

The Romanian Society for Quality Assurance, a professional, non-governmental and non-profit association from Romania, is actively involved in promoting the quality culture nationwide, by the means of conferences, seminars, forums, symposia.

The Conference on Quality and Dependability CCF 2016, organized by The Romanian Society for Quality Assurance at every 2 years, is part of the circuit of the successful international conferences, opinion unanimously expressed by the participants to the previous editions.

Every edition of the conference enjoys the presence of many officials and personalities, distinguished guests and well-known specialists nation- and worldwide, representatives of the business and academic environment.

The topics approached highlight new information, trends, ideas and concepts, which are essential for a market-driven functional economy.

CCF – A TRADITIONAL CONFERENCE

The first National Conference on Quality and Reliability (CCF '86), took place at Hotel 'Teleferic' from Poiana Brasov, in 1986, with the occasion of the organisation of the Central Reliability Group of MIEt. It was then decided that this conference should become a tradition.

Therefore, the second edition of the Conference took place at the premises of 'Minerva', 'Diana' and 'Afrodita' hotels from Baile Herculane, in 1988.

The Romanian Society for Quality Assurance took over this tradition, by organizing the third edition of the Conference at Hotel 'Roman' from Baile Herculane, in September 1995.

The fourth edition took place in Sinaia on the 2nd-3rd of October 1997, and the fifth edition CCF '98 was organized in the period 28th – 30th of October 1998, in Sinaia as well.

The sixth edition of the Conference CCF '99 was organized in 1999, the 22nd – 24th of October, at Hotel 'Sport' from Poiana Brasov, and in 2000, between 27th – 29th of September, the seventh edition was organized, at Hotel 'Palace' from Sinaia.

The eighth edition of the Conference, CCF 2002, was organized at the Casino from Sinaia, in the period 18th-20th of September 2002 and it enjoyed the presence of distinguished guests from abroad and well-known specialists from Romania.

The last editions of CCF – the ninth, (29th of Sept. – 1st of Oct.2004, Hotel Mara, Sinaia), the tenth (27 – 29 of September 2006, Casino Sinaia), the eleventh (24 - 26 of September 2008, Casino Sinaia), the twelfth (22 – 24 of September, Casino Sinaia) and the thirteenth (5 – 7 of September 2012, Complex Doina, Neptun) enjoyed the presence of distinguished guests from abroad and well-known specialists from Romania and were a real success.

The event that marked 27 years since the first CCF conference was organized at Sinaia, at Palace Hotel and the exceptional participations of Mr. Alex Ezrakovich (Australia), Abdessamad Kobi (France), Michele Cano (Scotland) have to be mentioned. The XIVth edition of the Conference brought a special event in the first day – Wednesday, the 17th of September – The EFQM Open Doors Day in Romania, organized by SRAC and EFQM and with the participation of Grundfos Romania and the Hungarian Association for Excellence.

The 15th Jubilee Conference was held at the Palace Hotel in Sinaia from 14-16 September, with many guests of honor.

This year, the event marks 32 years since the first CCF conference and will take place in Sinaia at Palace Hotel. This year, also, honor guests like Isaac Sheps (Israel), Alessandro Birolini (Switzerland), Vidosav Majstorovic (Serbia), Steli Loznen (Israel), Pedro Alves - IQNet, etc. are invited.

COMMITTEES

• INTERNATIONAL SCIENTIFIC BOARD

Ioan C. BACIVAROV	Professor at the University Politehnica of Bucharest, Romania – Chairman
Vidosav D. MAJSTOROVIĆ	Professor at University of Belgrade, Serbia - Vice-Chairman
Bruno-Marie BECHARD	Professor at the University of Sherbrooke, Canada
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Angelica BACIVAROV	Professor at the University Politehnica of Bucharest, Romania
Michele CANO	Professor at University of West of Scotland, UK
Remy GAUTIER	Professor at ENSAM, Paris, France
Socrates KAPLANIS	Professor at the University of Patras, Greece
Noriaki KANO	Professor at the University of Tokyo, Japan
Steli LOZNEN	Israel Testing Laboratories, Ltd., Israel
Dan STOICHIȚOIU	President of SRAC, Bucharest
Christian ROBLÉDO	Professor and President at the University of Angers, France
Alexandru STAMATIU	Professor at Technical University of Civil Engineering Bucharest, Romania
Ajit K. VERMA	Professor at the Indian Institute of Technology Mumbai, India
Ton van der WIELE	Professor at the Erasmus University from Rotterdam, Holland

• ORGANIZATIONAL BOARD

Dan STOICHIȚOIU	General Chairman of CCF 2018 President of Romanian Society for Quality Assurance
Ioan C. BACIVAROV	University Politehnica of Bucharest
Daniel LOLEA	SRAC CERT Director

USEFUL INFORMATION

Registration of participants:

- **Tuesday, 25.09.2018, starting with 17⁰⁰**, in the lobby of Palace Hotel
- **Wednesday, 26.09.2018, starting with 9⁰⁰**, in the lobby of Palace Hotel ,CCF 2018 Secretariat

Coffee breaks:

- **Between the 26th – 28th of September 2018**, coffee breaks will take place in the lobby of Palace Hotel

Gala Dinner:

- **Thursday, 27.09.2018, 20⁰⁰ – Hotel Palace**

• SECRETARIAT:

Lorena CHIRIȚĂ, Margareta ZAHARIA, Tudor MĂRUNȚELU, Bogdan IVAȘCU

The CCF 2018 Secretariat will be open daily at Palace Hotel, between 9³⁰ – 16⁰⁰.

WEDNESDAY, 26th of SEPTEMBER 2018

9 ³⁰ – 9 ⁴⁰	Welcome and introduction PhD eng. Dan Grigore STOICHIȚOIU – <i>President of the Romanian Society for Quality Assurance</i>
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PLENARY SESSION 1

Chairmen

eng. Alexandru STOICHIȚOIU - *SRAC CERT Executive Manager*

- *IQNet President*

Pedro Castro ALVES – *IQNet Managing Director*

9 ⁴⁰ – 9 ⁵⁰	<i>Presentation of IQNet</i> Alexandru STOICHIȚOIU –IQNet President
9 ⁵⁰ – 10 ²⁰	<i>Future trends in certification</i> Pedro Castro ALVES – IQNet Managing Director
10 ²⁰ – 10 ⁴⁰	<i>The role of quality services in the assistance offered by regional export centers. Study case for Romania</i> Costin LIANU , Spiru Haret University, Bucharest, Romania Irina Gabriela RĂDULESCU , Petroleum-Gas University of Ploiești, Romania
10 ⁴⁰ – 11 ⁰⁰	<i>Impact of standardization in the developments of management systems</i> Speranța STOMFF - ASRO
11 ⁰⁰ - 11 ³⁰	Coffee break

PLENARY SESSION 2

Chairmen

PhD. Isaac SHEPS - *Israeli Standard Institute Central Committee for MS Standards*

Prof. Dr. Vidosav MAJSTOROVIC - *University of Belgrade, Serbia*

11 ³⁰ - 11 ⁵⁰	<i>Organizational quality – Guidance to achieve sustained success</i> <i>The new ISO 9004:2018</i> Isaac SHEPS - Chair, Israeli Standard Institute Central Committee for MS Standard
11 ⁵⁰ - 12 ¹⁰	<i>An advanced research on ISO certificates number</i> Vidosav MAJSTOROVIC - University of Belgrade , Serbia Elena ĐURA - University of Belgrade, Serbia
12 ¹⁰ – 12 ³⁰	<i>Hazard-Based Standards a Challenge for Standardization</i> Steli LOZNEN - I.T.L (Product Testing) Ltd., Israel
12 ³⁰ – 14 ⁰⁰	Lunch

WEDNESDAY , 26th of SEPTEMBER 2018

PLENARY SESSION 3

Chairmen

PhD eng. Prof. univ. Nicolae George DRĂGULĂNESCU - University "Politehnica" Bucharest

M.Sc. Steli LOZNEN - I.T.L (Product Testing) Ltd., Israel

14 ⁰⁰ – 14 ²⁰	<i>Compliance in the context of the New Industrial Revolution</i> Steli LOZNEN - I.T.L (Product Testing) Ltd., Israel
14 ²⁰ – 14 ⁴⁰	<i>Considerations on the credibility and added value of certification and accreditation processes</i> Nicolae George DRĂGULĂNESCU - University "Politehnica" Bucharest
14 ⁴⁰ – 15 ⁰⁰	<i>Romania's organisations are needing the best practices and the credibility of national/ European Awards for Quality or Excellence</i> Nicolae George DRĂGULĂNESCU - University "Politehnica" Bucharest Ovidiu ACOMI – TEAM 4 Excellence
15 ⁰⁰ -15 ²⁰	<i>Use of Refurbished Medical Devices Today</i> Steli LOZNEN - I.T.L (Product Testing) Ltd., Israel
15 ²⁰ – 15 ⁵⁰	<i>Release of book: „Electrical Product Compliance and Safety Engineering”</i> Authors Steli Loznen, Constantin Bolintineanu, Jan Swart
15 ⁵⁰ – 16 ²⁰	<i>Release of book: “Evaluarea satisfacției clienților - tehnici, metode, instrumente”</i> Author Nicolae-George DRĂGULĂNESCU

THURSDAY, 27th of SEPTEMBRIE 2018

PLENARY SESSION 1

Chairs

Dr. eng. Cristian RONCEA – Technical Manager SRAC CERT

Cornelia ȘULEA – TQM CONSULT SRL

09 ⁰⁰ – 09 ²⁰	<i>Risk management, challenge or good practice?</i> Firică POPA – S.C. Qualim SRL
09 ²⁰ – 09 ⁴⁰	<i>HACCP system integration (hazard analysis and critical control points) according to ISO 22000:2018, in risk and opportunity approach, according to ISO 9001:2015</i> Cornelia ȘULEA – S.C. TQM CONSULT SRL
09 ⁴⁰ – 10 ¹⁰	<i>Risk management, from impartiality, to business orientation</i> Cristian RONCEA – SRAC CERT
10 ¹⁰ – 10 ⁴⁰	<i>Challenges of migration from OHSAS 18001 to ISO 45001</i> Cristian RONCEA – SRAC CERT
10 ⁴⁰ – 11 ⁰⁰	<i>The audit of organizational culture regarding food safety /quality and food safety</i> Costel RUSU - Society for Moral Projects Qualitative Structured Lelia POPP – Society for Moral Projects Qualitative Structured
11 ⁰⁰ - 11 ³⁰	Coffee Break

THURSDAY, 27th of SEPTEMBRIE 2018

PLENARY SESSION 2

Chairs

Elena PĂTRU – Deputy Technical Director SRAC CERT

Dr. eng. Daniela MOLDOVAN - Company Apa Braşov

11 ³⁰ – 11 ⁵⁰	<i>Aspects on the approach to the water safety plan in an integrated management system quality-food safety according to ISO 9001:2015 and ISO 22000:2018</i> Daniela Simona MOLDOVAN – Company Apa Braşov
11 ⁵⁰ – 12 ¹⁰	<i>EMAS - Standard of Environmental Performance. From ISO 14001 to EMAS</i> Elena PĂTRU – SRAC CERT
12 ¹⁰ – 12 ³⁰	<i>Waste management the environmental impact of a waste deposit from the life perspective</i> Mihaela ILIESCU ARMEANU - S.C. Areca Milenium S.R.L.
12 ³⁰ - 14 ⁰⁰	LUNCH
14 ⁰⁰ - 16 ⁰⁰	ROUND TABLE DISCUSSION Quality Culture, Quality Policy and Economic Implications of Certification Moderators: Steli LOZNEN and Nicolae DRAGULĂNESCU

FRIDAY, 28 SEPTEMBRIE 2018

POSTER SESSION

Chairs

Prof. dr. ing. Angelica BACIVAROV – Universitatea Politehnică Bucureşti

Prof. dr. ing. Ioan BACIVAROV – Universitatea Politehnică Bucureşti

Concrete Durability under Different Aggressive Environments with Optimized Accelerated Test Plan

Nadare Matoiri CHAIBATI^{1,2}, David BIGAUD¹, Abdessamad KOBİ^{1*}, Horacio COLINA²

¹LARIS, Université d'Angers, 49000, France

²ATILH, 92974 Paris-La-Défense Cedex, France

Test, Testability and Reliability Aspects of Integrated Circuits

Titu-Marius I. BĂJENESCU, Switzerland

Enhancing the quality of a web application through responsive design

Sabina Daniela AXINTE, Ioan C. BACIVAROV, EUROQUALROM-ETTI, University Politehnica of Bucharest, Romania

Quantity method for multicriteria analysis of the assets of a critical system in the management process of information security

Marian FIROIU, Ioan C. BACIVAROV, EUROQUALROM-ETTI, University Politehnica of Bucharest, Romania

Modelling and Analysis of the Survivability of Telecommunication Networks

Iuliana TUDOR, Ioan C. BACIVAROV, EUROQUALROM-ETTI, University Politehnica of Bucharest, Romania

Analysis on Telecommunication Network Survivability Based on Stochastic Petri Net

Iuliana TUDOR, EUROQUALROM-ETTI, University Politehnica of Bucharest, Romania

PLENARY SESSION 1

Chairmen

PhD eng. Prof. Ioan BACIVAROV – University “Politehnica” Bucharest

PhD eng. Prof. Alexandru STAMATIU – Technical University of Civil Engineering Bucharest

9 ⁵⁰ -10 ¹⁰	<i>Bivariate Weibull Distributions applied to Maintenance Modeling</i> Constantin TÂRCOLEA, Adrian Stere PARIS - University “Politehnica” Bucharest
10 ¹⁰ – 10 ³⁰	<i>Cercetări românești în domeniul toleranței la defectări</i> Angelica BACIVAROV - University “Politehnica” Bucharest
10 ³⁰ – 10 ⁵⁰	<i>Five decades of high-level technical education in quality and dependability</i> Ioan BACIVAROV - University “Politehnica” Bucharest
10 ⁵⁰ – 11 ¹⁰	<i>Network Security Monitoring With Embedded Platforms</i> Cristian PASCARIU, Ionuț – Daniel BARBU, Ioan BACIVAROV - University “Politehnica” Bucharest
11 ¹⁰ -11 ²⁵	<i>Noi aplicații, explicații și implicații ale grafului entropic canonic (GEC)</i> Alexandru STAMATIU - Technical University of Civil Engineering Bucharest
11 ²⁵ -11 ⁴⁰	<i>Considerații asupra posibilității modelării entropice a unor fenomene naturale</i> Alexandru STAMATIU - Technical University of Civil Engineering Bucharest
11 ⁴⁰ - 12 ⁰⁰	Coffee Break

Closing of the CCF 2018