



IFAN NEWSLETTER

“ Standards make the world go round ”

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E-mail: ifan@ifan.org | Web: www.ifan.org

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45th Members' Assembly: President's Report

I am delighted to present the Presidents report for 2018. For me it has been a short 9 months in the chair yet it has been quite an eventful year so far!

What is striking is the international political dimension that has added so much uncertainty to the world of standards. This is particularly concerning as to the potential negative impacts on trade, globalisation, climate change mitigation efforts, technical barriers to trade and political instability.

The reintroduction of tariffs and the potential for these to race out of control and the issues surrounding the Brexit negotiations are all concerns for users of Standards.

ISO and IEC continue their work and we need to remain vigilant and supportive of their efforts.

It is rather ironic that we find ourselves with these potential disruptive influences at a time when economic conditions are so very positive after the long recovery from the 2008 financial crisis. It would indeed be a tragedy if we were to regress at this time to the protectionist days of the past for all of us.

IFAN and its members need to play it's part in supporting and being an ever present voice against these threats.

On the activities front we have held several Board and working group meetings. We have also published several newsletters which I trust you have found informative and interesting. I encourage you all to make contributions to our newsletter and send those to our Secretary who has done an excellent job pulling these together.

During the board meeting earlier this year in Geneva we had meetings with both the ISO DSG and IEC GS that we're both informative and continued to reinforce the value they place on IFAN's ongoing contribution on behalf of Standards users. Today we will sign an updated MOU with IEC that solidifies our relationship.

While we are here in Geneva several of us will attend the ISO General Assembly either representing IFAN or our respective national member.

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45TH MEMBERS' ASSEMBLY

President's Report Continued from front page

This is an excellent opportunity to promote the value and importance of users in the development of standards.

At our last meeting in Chicago hosted by our US and Canadian member SES many of us attended several meetings including the excellent SES conference and the WSC and IFES meetings with university academics from around the world who are actively involved in research and education in the field of standardisation.

We have continued our drive to maintain and add new members and we welcome Techstreet to its first MA.

On the financial conditions of IFAN our Treasurer will report more fully later in the meeting however suffice it to say that after a rather challenging several years the position has stabilised and in fact returned to a small surplus, the first since 2011.

At this meeting and for the first time our external auditor will attend our meeting and has issued an unqualified opinion.

We have two white papers prepared by two of our board members that will be presented for discussion later in the meeting. These are on topics of interest to users. The first relates to some new rule changes to the ISO commercial policies or POCOSA and the second on Standards Distribution.

These are not IFAN positions but designed to stimulate discussion by IFAN members and if though fit result in the development of an IFAN policies.

Ross Wraight
IFAN President
September 2018



IFAN Members at the 45th Members' Assembly held at the IEC

New MoU between IFAN and IEC signed at 45th Members' Assembly

A revised Memorandum of Understanding was signed at the 45th Members' Assembly by IFAN President Mr Ross Wraight and IEC General Secretary & CEO Mr Frans Vreeswijk. The previous MoU had been signed in August 2000 by Mr Aharon Amit for the IEC and Dr Veit Ghaladi for IFAN.



MoU Signing



IFAN President Mr Ross Wraight and IEC General Secretary & CEO Mr Frans Vreeswijk.

Changes at the IFAN Secretariat

Earlier this year Ms Dale Campbell stepped down as IFAN Swiss Resident and Assistant Secretary as she and her family were moving away from Geneva. The IFAN President and Board expressed their thanks to her for all her hard work on behalf of IFAN.

The President and Board are pleased to announce that Ms Valerie Grant has been appointed, and many of our members had the opportunity to meet her at the 45th Members' Assembly in Geneva.

IFAN BOARD MEETING



The IFAN Board held its second face to face meeting of 2018 on Monday 24 September, which was kindly hosted by ISO.

IFAN Board Meeting Report

On the Agenda was the Financial Management Report prepared by the Treasurer, Mr Keith Wilson, the Board approved the report for presentation to the members at the MA the following day.

The Open Session at the MA was also discussed as well as the signing of the new Memorandum of Understanding with IEC. It was noted that there was no change to the body of the text but as it has been signed in 2000 the President and the IEC General Secretary had agreed at their meeting in April that it was time to renew the MoU and reaffirm the strong links between the IEC and IFAN.

Mr Gao, Member of the Board and Chair of the Asia Pacific group presented the group's Terms of Reference to the Board for their approval and this was enthusiastically given. It was hoped that additional members would step forward at the MA.

45th Members' Assembly, 25 September 2018

The 45th MA was attended by members representing, ANP, ACANOR, BSS, CAS, SES, GSIIIC, Standards Group and Techstreet.

The Members' Assembly followed the Workshop, which is reported on later in this newsletter.

And was opened by the President Mr Ross Wraight and Mr Frans Vreeswijk, IEC General Secretary & CEO.

There were a number of members unable to attend this year and apologies were noted.

The minutes of the previous MA in Chicago were accepted as correct and then the MA moved on to reports.

The first reports were from the IFAN Working Groups, with the Asia Pacific Group announcing that their terms of reference has been accepted by the Board and they were going to start work. The two most active groups are the European Group and WG16 Education and Training, both groups had submitted written reports however there was additional discussions. The President asked the Chair of

the European Group [Ms Andrea Beddard-Smith, BSS] about CEN and Brexit, the Chair answered that it was looking likely that BSI would remain in CEN following Brexit.

The Chair of WG16 Mr Laurent Obrelé introduced his report and informed the MA that the group was in the final stages of preparing the second edition of IFAN Guide 4 which was widely used.

Written reports from National Members followed and there was discussion about how to get members involved.

In the closed session the Financial Management Report was approved.

This was followed by the Strategy section and 2 papers were presented, Mr Keith Wilson presented a paper on Pocosca and Ms Claudia Bach presented a paper on Standards Distribution. Following on from a lively discussion it was decided to reinstate WG3 Standards Access and Distribution, to be chaired by Ms Claudia Bach and Mr Keith Wilson.

IFAN Workshop 2018

This year's Workshop took place on the morning of the 25th September prior to the Members' Assembly, there were 5 speakers:

- Mr Frans Vreeswijk, IEC General Secretary & CEO: the ABC of Cyber Security
- Mr Reinhard Weissinger, senior expert Research and Education, ISO: ISO's initiatives in training, Education and Research on Standardization
- Mr David Hanlon, Secretary of the Assessment Board at IEC: Kaizan - better standards through user feedback
- Mrs Elena Santiago, CID CEN/CENELEC: The customer comes first
- Mr Geerten Van de Kaa, Faculty of Technology, Policy and Management, Delft University of Technology: The value of user participation in standardization

The speakers presentations can be found [here](#) and a report on Mr Vreeswijk's presentation follows on the next page.



CYBER SECURITY



Mr Frans Vreeswijk, IEC General Secretary & CEO on Cyber Security

Cyber-attacks are increasing and to avoid this you need to understand the nature of the attack, so you need to identify the most important aspects.

To protect from multiple attackers we need to use

- A** Assessment
- B** Best practice
- C** Conformity to check the system

Resilience – IEC advocate a holistic approach, people, processes and training. By combining the right standards it is possible to increase the confidence of stakeholders.

Critical vs. non-critical, an attack on your computer is important to you but not to the whole country but an attack on a power plant can have huge consequences for everyone. IT is the key, as more and more objects are connected there are more and more points where an attack can happen.

IT is very vulnerable to attack, another areas are manufacturing and transportation, operational technology etc. Operational Technology [OT] includes hardware as well as software, for example OT brings a generator

on line. In the past IT and OT had separate roles.

OT systems are expensive and are not updated as often as IT equipment, IT is used to being attacked but not OT, the alliance between these two leads to the industrial Internet.

When OT systems are under attack then the cyber-attack can have enormous consequences and can result in accidents injuries or death and the shutdown of essential systems.

IEC provides standards for protecting both IT and OT, see presentation slides for details Global risks – common standard need to be global and IEC is global.

Defense-in-depth

Multiple security counter measures needed

- A** Assessment
- B** Best practice to address risk
- C** Conformity assessment



Three axes of cyber security

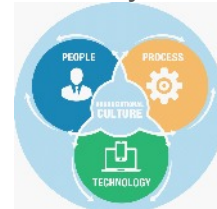


Image: Jansalting.nl



Protecting OT and IT systems

Over 200 IEC International Standards for cyber security

Horizontal: generic and flexible

Vertical: for specific needs





ISO Week 2018

- Devco
- Standards for the SDGs Conference

This year IFAN was represented at the ISO GA by our President Ross Wraight; Immediate Past President David Felinski; Andrea Beddard-Smith, IFAN Secretary; Keith Wilson, Treasurer and Claudi Bach, Board Member also attended.

DEVCO

Due to the IFAN MA being on the Tuesday 25 we were only able to attend to last morning on the 26th however this proved to be an interesting session with Devco members describing how hard it was for them to participate not just because of financial resources but also human resources and then have to cope with everything being in a language you do not understand. So one request was to encourage virtual meetings, another was to extend twinning as this had been successful and mentors were suggested as a way to build capacity. There were requests to help develop soft skills, and the possibility of Devco countries combining to work together as many countries don't have the expertise but could perhaps share [people] resources.

The Chairs of the previous day's breakout sessions reported and a number of good points were made:

Focus on the role of SMEs who are stakeholders in the standardization process

Use of IT tools, often need to participate outside the working day and that can be a problem

There was a call for standards and public procurement, and how to inform government of the value of standards
Education & standardization was also highlighted as a very important - one speaker talked about when women go shopping, they look for quality

Standards for the SDGs Conference

The UN's Sustainable Development Goals are a human road map for a better world and standards can play an important part. Sergio Mujica, ISO GS introduced the event, which started with a panel session with Isabelle Durant, UNCTAD; John Walter, ISO President and Marion Stoldt, German National Metrology Inst. The group discussed the role of standards and how critical standards were to fulfill the SDGs as they covered all of the topics. This was followed by an introduction to standards mapping tools by Nicolas Fleury, ISO and Lorenza Jachia, UNECE. The new ISO project to link SDGs to specific standards was introduced. The site can be accessed here: <https://www.iso.org/sdgs.html>

There were 4 breakout sessions: SDG 6 - Clean water and sanitation, SDG 7 - Affordable and clean energy, SDG 11 Sustainable cities and communities and SDG 13 - Climate action. The Conference ended with reports from the sessions and was a very positive and informative event.



IFAN President Mr Ross Wraight represented IFAN at the 82nd IEC Council meeting in Busan, Republic of Korea.

ISO WEEK 2018

Report on the 41st ISO General Assembly
27-28 Spetember 2018, Geneva

John Walter, ISO President opened the 41st ISO General Assembly and talked about developments at ISO including regular meeting with IEC and a number of joint projects and said 'Don't build walls, build bridges'.

ISO Secretary General Sergio Mujica spoke about last year's meeting and the energy from the Innovation Space which was here again this year. He spoke about ISO's 5 priorities: Strategy development and deployment, Member engagement, Capacity building, Research & Innovation and Positioning of ISO and engagement with other international organizations.

Other reports included from Nicolas Fleury on income from standards sales and copyright sales, that the Pocosá came into force on January 2018 and ISO has a new Project Management Office.

Scott Steedman, VP Policy spoke about building relationships, 32 key projects with 11 being high priority, new guidelines for Regional Engagement had been issued which focused on principles of cooperation with other organizations, a new risk management policy and that they had sent out a survey to members to gather feedback from end users. Scott also discussed IT tools and the need for them to be stakeholder driven.

Bronwyn Evans, VP Finance spoke about ISO new procurement policy and their analysis of the current funding model.

Piet-Hein Daverveldt, VP Technical, discussed driving change, the TMB action plan, the Berlin Declaration and the issue of attracting new experts. He also spoke about cooperation with IEC and ITU as well as ISO's Virtual Standards Development Programme and looked to 2019 and beyond - machine readable standards, was one example.

The Eicher Awards were given out and the morning session closed with a keynote speech from Bertrand Piccard of Solar

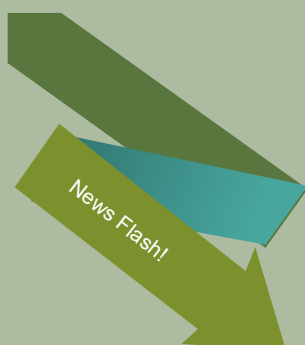
Impulse who gave an inspiring talk - his theme was the importance of working with people with different ideas. A report on his talk and some links to more information are available on ISO's [website here](#).

After lunch there were a number of breakout sessions: Technology, standards and innovation, Trends in international trade and the role of standards; engaging policy makers and government; International standards supports the SDGs. The sessions were repeated so there was an opportunity to attend two session.

Day two opened with a Keynote speech from WTO Ambassador Alan Wolff. Alan spoke about the WTO's successes including 22 new member countries this year, and how the WTO needs standards to remove barriers to trade. He spoke about global value chains, and the need to protect people. The WTO doesn't impede the rights of countries to regulate it just makes it easier. The WTO was started by a crisis to make the world a better place. GAT stated that all countries should have equal access to markets post WWII, world trade goes a long way to establish world peace.

The WTO has 5 suggestions for ISO: Improve coherence, Quality infrastructure for trade, Support for SMEs, Reaching out to regulators, and to support the multi-lateral trading system. Ambassador's speech was followed by a discussion panel and there was a wide ranging discussion.

There followed reports from the previous day's breakout sessions and in the afternoon the results of the voting was announced.



News Flash!

Popular IFAN Guide 4 Education and Training about Standardization: Different needs for different roles, has been revised and is available from our website