



IFIP Participates in Major Disaster Risk Reduction Events

The IFIP Domain Committee on Information Technology in Disaster Risk Reduction (DCITDRR) has boosted its international profile, presenting at two international disaster risk reduction events during March.

Professor Dimiter Velev (secretary) and Associate Professor Plamena Zlateva (vice-chair) represented IFIP's newest Domain Committee at conferences in Japan and Turkey, sharing information and raising awareness of IFIP's work in this critical area.

Dr Velev and Dr Zlateva first attended the Third Global Summit of Research Institutes for Disaster Risk Reduction: Expanding the Platform for Bridging Science and Policy Making (GSRIDRR 2017) at the Disaster Prevention Research Institute (DPRI), Kyoto University, Kyoto, Japan from 19 to 21 March 2017.

This event was organized under the auspices of the Global Alliance of Disaster Research Institutes (GADRI), <http://gadri.net/summit/>, which comprises 145 world institutes and organisations dedicated to disaster risk reduction.



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The conference provided an opportunity for all involved in disaster risk reduction activities, disaster research and related fields to come together, share knowledge and research work. It also afforded a chance for stakeholders from research institutes, international bodies, governments and businesses engaged in disaster risk reduction to share their visions and directions for implementation in the real world. More than 250 participants from different countries and institutes attended the event.

Dr Velev and Dr Zlateva presented IFIP's commitment to identifying ways that technology can support risk reduction and disaster recovery strategies, introducing the DCITDRR and discussing its priorities and initiatives. They also discussed how combining recent advances in Social Media, the Internet of Things (IoT), Big Data and Cloud Computing can help in implementing viable solutions to help fight disasters.

After leaving Japan, the IFIP team flew to Turkey to attend the European Forum for Disaster Risk Reduction (2017 EFDRR Open Forum) from 26-28 March, <http://efdrرتurkey.org/>.

More than 200 attendees from Europe and around the world took part in this event, which included three pre-events, six technical and two special sessions. Issues discussed ranged from economic risk management in disaster risk deduction, critical infrastructures for resilient communities and the establishment of risk assessment and disaster loss databases to bridging disaster risk reduction and climate change for a sustainable future, migration, along with strategies for achieving the Sendai Target on risk-informed national and local DRR strategies by 2020.

The Sendai Framework recognises that the Global and Regional Platforms for Disaster Risk Reduction (DRR) have a key role in its implementation. The Sendai Framework also emphasises the need for Global and Regional Platforms to function as a coherent system of mechanisms to fully leverage the potential of collaboration and knowledge sharing across organisations of all sectors.

At EFDRR, Dr Velev and Dr Zlateva also took part in the pre-event, "[Science and Technology to Support Disaster Risk Reduction](#)", where they again showcased the IFIP DCITDRR's structure, goals and initiatives.



They also took the opportunity to invite attendees at both events to take part in the upcoming **2nd IFIP Conference on Information Technology in Disaster Risk Reduction (ITDRR-2017)**, <http://itdr.unwe.bg/>, which will take a more global perspective and is expected to attract participants from around the world.

Outstanding eHealth achievements from across Europe are recognised at eHealth Week 2017

VALLETTA, MALTA - (HealthTech Wire / News) - As well as being an educational event, each year [eHealth Week](#) also celebrates significant achievements within the eHealth industry. As such, a number of accomplishments from across Europe were recognised on stage today.

The HIMSS Europe 2017 eHealth Leadership Award was delivered to Diane Whitehouse from the UK, Principal eHealth Policy Analyst at EHTEL. Whitehouse has undertaken consultancy, advisory, research, and training services which have covered specific fields within eHealth, such as ageing, accessibility/inclusion, governance, and interoperability.

She has offered expert advice and guidance on a considerable number of European Commission projects, studies and their documentation. Project topics include telehealth and interoperability. She also developed surveys, questionnaires, and use cases which contributed to the 2004 eHealth action plan and its successor 2013-2020 roadmap; the eHealth benchmarking survey; and the early- and mid-stage preparation of its roadmap on eHealth interoperability.

European Kate Granger Awards for Compassionate Care

The European Kate Granger Awards for Compassionate Care is also an important part of the process of celebrating significant achievements within healthcare IT. The Awards are named after an English doctor who worked tirelessly to raise awareness around compassion in healthcare while undergoing treatment for cancer: Dr Kate Granger. Dr Granger, who sadly passed away in July 2016, launched the awards in England in 2014 to recognise people and organisations that have delivered care with compassion at its heart. Now, with the backing of HIMSS and the support of Kate's widower, Chris Pointon, colleagues in the rest of Europe have had the opportunity to recognise outstanding patient care through the European Kate Granger Awards.

The winner of the European Kate Granger Award for Compassionate Care is Eilis Hession, Manager of Services for Older People in "Lead - Living Well with Dementia". Hession has a proven track record and accomplishment of compassionate care. Her outstanding leadership skills, extended outreach to the entire local community and her aim to prioritise compassionate care at the forefront of her work, were some of the deciding factors for the judging panel.

The winner of the eHealth Adoption Awards, which are organised by TicBio Med and jointly supported by HIMSS Europe, the Maltese Ministry for Health, the European Commission and eHealth HUB, was also announced today. The aim of these Awards is to recognise the work of adopters and their technological suppliers in implementing eHealth innovation for the benefit of patients. By promoting them as a reference in their sector, the organisers hope to inspire other organisations to improve the delivery of health and care-related services with the support of innovative technology. Scottish NHS interactive diabetes website to help support people who have diabetes and their family and friends, "My diabetes my way", received the Award on stage today as a recognition of their outstanding work in the sector.

Four European hospitals who are excelling in digital maturity were also awarded today against the [EMR Adoption Model \(EMRAM\)](#), having achieved a Stage 6 Level. Those who have reached EMRAM Stage 6 level and beyond have established clear goals for improving safety, minimising errors, and recognising the importance of healthcare IT. Donostia University Hospital (Osakidetza Basque Health Service) and Torrejón University Hospital, both from Spain, picked up their award on stage today. In addition, University Hospitals Leuven, in Belgium and the Humanitas Research Hospital (Istituto Clinico Humanitas), from Italy were also recognised with the prestigious HIMSS EMRAM Stage 6 Award.

Source: HealthTech Wire

**13th IFIP TC9 Human Choice and Computers Conference: ,”This Changes Everything”
in conjunction with the World Computer Congress
17th-21st September 2018, Poznan, Poland
<http://www.hcc13.net>**

Conference Chairs: David Kreps, Kai Kimppa, Louise Leenen, Charles Ess

Conference Theme - Track Chairs: David Kreps and Charles Ess

This Changes Everything. Many of us likely associate this phrase with Steve Jobs’ introduction of the iPhone in 2007. But there are clearly other candidates for the ”This,” e.g., the oncoming bioinformatics redesign of species or the fourth industrial revolution of artificially intelligent robots. But ”This” is also, without question, the greatest challenge of our age: climate change.

Accordingly, the 13th Human Choice and Computers conference centers on the question: ICT and Climate Change - What Can We Do?

The Conference invites both academics and practitioners in the field of ICTs and Society to take stock of their engagements, review their focus, and assess what and how each and every one of us might be able to contribute to the transformations needed (and already beginning) in local, regional, national and international contexts, towards becoming diverse, environmentally and socially conscious, and thriving communities.

We welcome submissions that speak directly and less directly to the conference theme. ”This Changes Everything” implicates both climate change and the interrelated global challenges most central to the Working Groups of TC9 and its National Society representatives, including the UN Sustainable Development Goals. Submissions are also welcome, not just to the General Conference Track on change, but to the other foci of the Track Themes. (For complete track descriptions, please see the extended CFP on the conference website, <<http://www.hcc13.net>>.)

Track themes:

- * Societal implications, effects and impacts of artificial intelligence - Track Chairs: Diane Whitehouse and Christopher Zielinski (WG9.2)
- * Including critical issues beyond the ICT context in codes of conduct/ethics - Track Chairs: Kai Kimppa and Penny Duquenoy (SIG9.2.2)
- * Our digital lives - Track Chairs: Petros Chamakiotis and Brad McKenna (WG9.5)
- * This changed everything - Track Chair: Christopher Leslie (WG9.7)
- * Gender in ICT - Track Chairs: Sisse Finken, Christina Mörberg and Johanna Sefyrin (WG9.8)
- * ICT and sustainability - Track Chairs: Thomas Lennerfors and Per Fors (WG9.9)
- * Climate risk, cyber-security, and the dark web - Track Chair: Louise Leenen (WG9.10)
- * Privacy, data protection, and automation - Track Chair: Taro Komukai (Japan National Representative)
- * ICT and an inclusive society - Track Chairs: Hossana Twinomurinzi and Jackie Phahlamohlaka (South Africa National Representative)

Submissions

Full papers are invited that address the Conference Theme, or any of the above Track Themes. All papers will be subject to double-blind review. Authors of accepted papers will be invited to revise their work in keeping with reviewers’ comments prior to formatting, and inclusion in the Programme and Proceedings.

Travel, accommodation and all other details will be posted when available at

<http://www.hcc13.net/>

Submissions will be through Springer OCS Website, with proceedings published in the AICT Springer Book series immediately prior to the conference.

Important Dates

Full paper deadline 15th January 2018

Reviews and revisions during February, March and April, 2018.

Final Papers by 30th April, 2018.



New WG 5.11 “Computers and Environment” chairman appointed!

During May 10-12, 2017, the International Symposium on Environmental Software Systems (ISESS 2017) was organised at the Falkensteiner Hotel Borik in Zadar, Croatia. More than 40 participants from around the globe discussed future ICT challenges specifically related to environmental software systems. The conference was organised by WG 5.11 “Computers and Environment” in cooperation with Austrian Institute of Technology (Austria), the Environmental Informatics Group (Germany), the Masaryk University (Czech Republic).



During the conference the biennial meeting of the Working Group 5.11 “Computers and Environment” was held where Gerald Schimak, after two successful periods stepped down. As his follower Ioannis Athanasiadis Dr Ioannis N. Athanasiadis (Assistant Professor – Information Technology, Wageningen University, Netherlands) an expert in semantic models of environmental information systems was nominated unanimously and brought forward for appointment as new chairman to the TC5 chairman.

Dr Ioannis N. Athanasiadis was officially appointed as new WG5.11 chairman on 22.05.2017 by the TC5 chairman Tadeusz Czachorski.

The conference scientific program was framed by 4 excellent keynotes, given by our honored colleagues
Nigel W.T. Quinn (Berkeley National Laboratory, USA) on “Web-based Decision Support for Stakeholder Implementation of Real-time, Basin-scale Salinity Management”;
Stefan Jensen (European Environmental Agency, Denmark) on “Trends in policy relevant European environmental information systems”,
 Prof. **Jaroslav Pokorný** (Charles University and IFIP representative of the Czech Republic) on “Big Data Storage and Management: Challenges and Opportunities”, and
 Prof. Dr. **Peter A. Fischer-Stabel** (Germany) on “Environmental Software Systems in National Park Monitoring and Management”.

Note that ISESS 2017 Proceedings will be published in electronic form as IFIP Advances in Information and Communication Technology, with Springer.

Gerald Schimak
 IFIP WG5.11 chairman (2011-2017)

International Schools Software Competition 2017

The International Schools Software Competition (ISSC) 2017 will be in conjunction with the annual SEARCC Conference and Sri Lanka's National IT Conference in Colombo from 10-16 September 2017.

Hosted by the Computer Society of Sri Lanka (CSSL), ISSC 2017 will seek to foster the development of computer competence among young people in the region. SEARCC instituted a regional school software competition in 1989. The competition, which is run under international competition rules, is open to students aged 18 or less.

In addition to testing their programming abilities, the event also provides opportunities for young people from across the region to acquire a better awareness of the culture, life-style and aspirations of each other's countries, thereby contributing to better relationships for future generations. The International Schools Software Competition 2017 (ISSC 2017) will be held at University of Colombo School of Computing, Colombo, Sri Lanka.

National teams are encouraged to register before 10th July their interest in participating by contacting CSSL at admin.exec@cssl.lk

Sri Lanka's
BIGGEST-EVER
International
ICT EVENT

NITC
2017



SEARCC
International Conference
IFIP General Assembly

Galadari Hotel, Colombo

towards digital prosperity

14th & 15th September 2017

Distinguished Panel of Speakers



Brenda Aynsley
Chairman IP3



Caroline New
Leadership Coach



Adrian Schofield
Vice-Chair IFIP IP3 and Chair
of the Standards &
Accreditation Committee



Moira de Roche Holmes
Deputy Chairman and
Director of IFIP IP3



Dr. Dayan Rajapakse
Managing Director – Esoft
Metro Campus



Michelle Beveridge
Chief Information Officer &
General Manager Intrepid
Colombo.



Muhunthan Canagey
Managing Director/
Chief Executive Officer ICTA



David Kreps
Sociologist of technology
and a philosopher of science



Prof. Yuko Murayama
Professor in the Department
of Computer Science at
Tsuda University



Prof. Jerzy Nawrocki



Prof. Ricardo Reis



Mark Lloyd
IOT/AOE and global
network



Gabriela Marin Raventós
Director of the newly
created Centre for
Research in ICT (CTIC)



Prof. Dr. Kai Rannenberg
Professor for Mobile Business
& Multilateral Security



George Coldham
Chief Technology Officer for
the start-up Diversify



Jayomi Lokuliyana
Co-founder and CEO of,
zMessenger



Prof. Dr. Igor Grebennik
Professor in the Department
of Computer Science at
Tsuda University



Dr. Nick Tate



David Cook
Researcher at the ECUSRI
Security Research Institute



Prof. Sohail S. Chaudhry
Professor in the Department
of Management and
Operations/International
Business



Prof. Tom Crick
Professor of Computer
Science & Public Policy and
Deputy Director of
Enterprise



Prof. Dr. Carlos Juiz Garcia
Department of Computer
Science at UIB



Prof. Dr. Dimiter Velez
Sociologist of technology
and a philosopher of
science

Organizer



Strategic Platform Partners



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IP3 News



IP3 launches simplified Accreditation Guide

Adrian Schofield, Chair Standards and Accreditation Committee announced the creation of a new simplified version of the guide. “The purpose of the simplified guide is to provide a pathway for IFIP IP3 partners to begin the journey towards developing professionalism schemes that recognise the capability, capacity and currency of their individual members.”, Brenda Aynsley explained.

Anyone can access the Guide at <http://ipthree.org/gain-ip3-accreditation/ip3-accreditation-program/>.

IP3 at WSIS



The IP3 team: Brenda Aynsley, Stephen Ibaraki, and Moira de Roche participated in the WSIS Forum from 12 to 16 June 2016. We also enjoyed support from Yuko Murayama VP IFIP, and Raymond Morel SI GA representative.

Unfortunately, Mike Hinchey was unable to attend as he was under Doctor's orders not to travel. The statement he planned to deliver can be found at <http://ipthree.org/wp-content/uploads/IFIP-President-statement-WSIS-2017.pdf>.

Fortunately, Yuko Murayama was there to deputise, and she made the most of the opportunity to network.

Brenda Aynsley

Acted as a High-Level Track facilitator for Session 9: Building Confidence and Trust in ICT's. Cybersecurity is becoming central to technology use and economic growth - Confidence in the use of ICTs by business and community will be the limit or enabler to that growth - More needs to be done to improve trust in both the technology and amongst the human actors. Trust is a multi-disciplinary concept which includes not only our security but safety, reliability, and the usability.

The session included the following speakers: High Level Speakers:

Chairman of WSIS Forum

WSIS Action Line Facilitator ITU – Mr. Reinhard Scholl, Deputy Director, Telecommunication Standardization Bureau

Ukraine – Mr. Leonid Yevdochenko, Chairman, State Service of Special Communications and Information Protection of Ukraine

India – Ms. Aruna Sundararajan, Secretary, Ministry of Electronics & Information Technology

Mexico – Mr. Eber Betanzos Torres, Vice-minister of Public Administration

International Federation for Information Processing – Dr. Yuko Murayama, Vice President representing Mike Hinchey, President

Asia-Pacific Telecommunity (APT) – Ms. Areewan Haorangsi, Secretary General (Thailand)

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Association for Proper Internet Governance, Dr. Richard Hill, President (Switzerland)
Microsoft – Mr. Jan Neutze, Director of Cybersecurity Policy, Microsoft EMEA

The full report can be found at https://www.itu.int/net4/wsis/forum/2017/Content/docs/outcomes/WSISForum2017_HighLevelTrackOutcomesStatements.pdf (Page 136).

Thematic Workshop

The IFIP IP3 Thematic Workshop “Cybersecurity in the Age of Artificial Intelligence” was held at 16:30 on Thursday 15 June. Stephen Ibaraki delivered a presentation on Artificial Intelligence (available for download at <http://ipthree.org/wp-content/uploads/IFIP-IP3-Artificial-Intelligence-WSIS-2017-SI.pdf>), Brenda Aynsley explored the concept of trust and what everyone needs to do to ensure the products and services we use are safe. Her message in a nutshell “Trust is a must”. Moira de Roche moderated the session. We intentionally kept the formal part of the workshop to a minimum, so that there was plenty of time for audience participation. We were delighted because the session was very interactive, and not only did most of the approximately 50 strong audience stay right to the end, some of them stayed afterwards to ask their specific questions. Without doubt, this was our most successful session to date.

You can read the Outcomes Document at https://www.itu.int/net4/wsis/forum/2017/Content/docs/outcomes/WSISForum2017_ForumTrackOutcomes.pdf (Page 297). Recordings of all sessions are available (you will find the link on the second page of the document).



[Left – IFIP IP3 team standing in front of IFIP banner]

Snippets from Moira

Following are some ideas and quotes that I found noteworthy in up in the sessions I attended.

“Users must be aware of the consequences of their actions online. They have a responsibility to inform themselves.”

Digital rights and responsibilities were a recurring theme at the Forum. I was disturbed by the idea that Robots are also human beings.

There should be a Digital Geneva Convention. A working group should be established for this.

How we can invent the future of learning? The past is not a good guide; teaching has not changed significantly. Transformation does not just happen, we must make it happen.

Learners on MOOCs require metacognition skills.

Block chain currencies such as Bitcoin enable nefarious activities on the dark web.

Stephen Ibaraki – summary of activities in Geneva

UN ITU XPRIZE Foundation AGGS (<https://www.itu.int/en/ITU-T/AI/Pages/default.aspx>): the world’s first and largest UN partnered summit on AI involving 21 UN organizations, XPRIZE, governments, industry, academia, civil society, top researchers, top science communities. Results exceeded expectations and went viral to be the largest summit of its kind ever with 500+ experts on premise, 5000 plus livestreaming, 300+ million engaged via media and growing immediately after the event, 30+ million social media and growing. TrendedNo.1 on social media.

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During the WSIS Forum, Stephen:

Chaired and keynoted the ITU on AI for Good WSIS session (<https://www.itu.int/net4/wsis/forum/2017/Agenda/Session/408/Webcast#intro>).

Spoke on AI for Good at the WSIS UNDESA session (<https://www.itu.int/net4/wsis/forum/2017/Agenda/Session/303#intro>) on private investment supporting ICT development and SDGs

ITU needed a Quantum expert for WSIS (<https://www.itu.int/net4/wsis/forum/2017/Agenda/Session/388#intro>) – Stephen used his connections at DWAVE and secured the top scientist to be at WSIS (<https://www.itu.int/net4/wsis/forum/2017/Agenda/Session/388/Webcast#intro>).

Whilst moderating the opening Welcome Session at AGGS introducing the UN SG (Secretary General), XPRIZE Foundation Founder, UN ITU SG, XPRIZE Foundation CEO; concurrently Stephen was keynoting on AI for Good at the Digital Africa Conference in Nigeria (<http://www.digitalafrica.com.ng/>), having pre-recorded his address.

Stephen realises that getting IFIP (and related programs) recognition globally is a challenge. This can be solved by highlighting IFIP value. Read the full report here <http://ipthree.org/wp-content/uploads/WSIS-AGGS-Report.pdf>)

Anthony Wong takes Professionalism message to Borneo

Swinburne University of Technology Sarawak Campus is working with ACS (Australian Computer Society) to certify more ICT professionals in future to complement the Sarawak government's vision of transforming Sarawak through the digital economy.

ACS is a body of professionals working in technology-related areas in Australia. Swinburne Sarawak has the greatest number of members outside Australia awarded Certified Professional status which is recognised by the IFIP IP3 (International Professional Practice Partnership) International standard.

President of ACS Mr. Anthony Wong presented the ACS memberships at a ceremony to 15 academics.

Enterprise architecture (EA) as a management tool

The Vrije Universiteit Amsterdam and the University of Applied Sciences Utrecht are researching the use of enterprise architecture (EA) as a management tool. The purpose of their research is to improve the effectiveness of EA. EA is not an end in itself, but has various purposes. One of these purposes is decision support. The objective of this survey is to study the relationship between the maturity of an EA practice and the quality of IT investment decisions.

The target group of this survey consists of people who have to deal with EA, either as a creator, a user or an implementer.

You can find the survey at <https://nl.surveymonkey.com/r/ZVHWQFH>

Many thanks in advance for participating!

Drs. Martin van den Berg
Dr. ir. Raymond Slot

IFIP Working Group 9.4 14th International Conference on the Social Implications of Computers in Developing Countries

The IFIP Working Group 9.4 14th International Conference on the Social Implications of Computers in Developing Countries was held in Yogyakarta, Indonesia, on May 22–24, 2017. The venue was the delightful Royal Ambarukmo Hotel with its wonderful manicured gardens and pool. The conference was attended by 147 participants from 31 countries. The theme of the conference was “ICTs for Promoting Social Harmony: Towards a Sustainable Information Society.” Where a harmonious society a peaceful and balanced connected whole, as part of a transformed social dynamic. A harmonious society is where there is a sustainable exchange of resources and development taking place through mutual agreement.

A call for tracks was distributed in 2016, with 17 track proposals received, of which 13 were finally selected for inclusion in the conference. There were 118 submissions from which 68 papers were accepted for publication. For the first time, the papers were published in the IFIP Advances in Information and Communication Technology series (IFIP AICT Vol. 504, DOI: 10.1007/978-3-319-59111-7). We thank Springer for their support in publishing the proceedings of this conference.

The conference benefited from three outstanding keynote speakers: Robert M. Davison, City University of Hong Kong, Chrisanthi Avgerou, London School of Economics and Kentaro Toyama, University of Michigan, Ann Arbor. The blue flashing-light police car escort ensured prompt arrival for coaches carrying participants at the gala dinner and spectacular performance of the Ramayana Ballet with the Prambanan 9th Century Hindu temple complex as a backdrop.

Special thanks go to the hosts of this conference, Universitas Islam Indonesia and Sanata Dharma University in Yogyakarta. Every conference has an organisational leader whose outstanding achievements contribute to the overall success of the event. For this conference Fathul Wahid, who led the local organisation team and also pulled together the final proceedings, is to be congratulated for his exceptional effort. Thanks also to my fellow conference co-chairs: Jyoti Choudrie, University of Hertfordshire, UK, M. Sirajul Islam, Örebro University, Sweden, Fathul Wahid, Universitas Islam Indonesia, and Johanes Eka Priyatma, Sanata Dharma University, Indonesia.

The event has resulted in a special issue for the Information Technology for Development Journal (Taylor and Francis) which could include extended versions of papers published at the conference (deadline, January 2018). We are also pleased to announce that Prof Robert M. Davison, City University of Hong Kong has been elected chair of IFIP Working Group 9.4. We are delighted that, Arlene Bailey, University of the West Indies, Mona, Jamaica will continue as Working Group Secretary.

Julian M. Bass, University of Salford, UK



Geneva, 15th of June 2017

IFIP – Social-IN3 – G4



HDRR: Human Digital Rights & Responsibilities

Document version 2

Outcome after WSIS Forum 2017

In the Thematic Workshop :

**From Sustainable Development Goals (SDGs), to Un-leashing
21st Century Global Goals Potentials**



[The complete document](http://www.ict-21.ch/com-ict/IMG/docx/Version-2.docx)

<http://www.ict-21.ch/com-ict/IMG/docx/Version-2.docx>

This document has 6 parts which allow us to build up HDRR - Human Digital Rights & Responsibilities - from the foundations laid in the past, which clearly start at least in the 1970's, if not the 1940's with the first robots and computers, all the way to a recommendation to WSIS Forum 2017 organizers, with the kind request to hand it over to UN's CSDT.

Closer to us we want to refer in particular to the 2016 IFIP conference in Costa Rica, which lead to a [draft proposal to engage in HDRR via IFIP](#).

To paraphrase the quote of Georges Clemenceau "War is too important to leave to the military", some might be tempted to apply it also to the Digital, ICT and AI worlds, in the context of the 16 SDGs in order to give us the means to rethink and reinvent a regenerative society, based on 21st century governance - global goal 17 - , at all levels from global to local, within a decent, dignifying, and humanizing HDRR framework.

We have been developing the HDRR proposal since then, via collaboration and collective intelligence between IFIP and G4, including civil society via hackatons and living labs organized in Geneva, inviting key societal stakeholders, like UNIGE, the state of Geneva via GeneveLab, EPFL, ICES foundation, TEST trust and other key strategic partners who participate in our WSIS workshop as speakers.

To summarize the actual context, critical topics to transform:

possible risks to turn into opportunities:

possible obstacles to overcome and brakes to release

threats to be slowed down

possibilities to explore

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a UN organisation representing civil society, linked to SDGs, complementary to member states and business efforts

accelerate SDGs globally from a top down meta position, with operation

“**Best practice with SDGs**” by city / regions on operationalized transformations

financing of integration and replication of best practices

share experiences, data & amplify successes and breakthroughs

operational steps to gain rapidly the required capacity and capability

find systemic and altruistic capable people

create living labs and a network of labs of labs

populate living labs with systemic altruistic capable people

define living labs missions

align operational organisations on SDGs

define circular business models

renew the organisational Societal Roles & Responsibilities

World citizens, individuals and organisation need to feel involved, engaged, intrinsically motivated, and proud to contribute consciously to SDGs. This is best done via a transdisciplinary approach across all human sciences.

SDGs need to

be known, understood and integrated by all

become a framework to rethink ourselves, project ourselves into a renewed and regenerative society

become a transcendental converging force of common Greater Good, supported and implemented

by convinced and conscious world citizens, leaders that need to have "air cover" from the top and globally, nationally and locally

be put under renewed media spotlights when transformations are exemplary of the new desired behaviors, decision and success criteria

become a design thinking and incitative transformational framework for emergence and integration

be the space to cultivate diversities and complementarities, in experiences, skills, believes, worldviews, cultures, functions

foster deep partnerships across humanity, to create harmony within humanity.

Therefore we recommend to work also closely with the 17 countries that are not at war and the UN's 5 Small States.

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A group of men and women, considering technological development without prejudging its merits, share their reflections in a text called **"Human Rights and Responsibilities HDRR"** so that technology remains one of the tools to help humanity to keep its role.

This text offers a universal reflection on the responsibility of the uses of any technological evolution, we must have with regard to the preservation of the human species in coherence / alignment with the SDG.

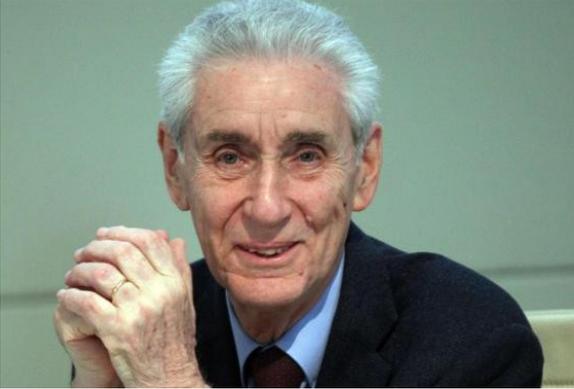
This text may seem to some ridiculous, others will see it as a danger; our wish is that it becomes an evidence for the preservation of humanity.

One cannot continue to envision a future in which the permanent disruption between the linear human and the exponential technological evolutions. It is therefore URGENT to systematically accompany the reflections on the consequences in coherence / alignment with the SDGs. It is clear that technologies will continue to accompany human evolution.



[The complete document](http://www.ict-21.ch/com-ict/IMG/docx/Version-2.docx)

<http://www.ict-21.ch/com-ict/IMG/docx/Version-2.docx>



In memoriam - Stefano Rodotà.

On Saturday June 23rd 2017, Stefano Rodotà died at the age of 84. A great jurist, academic and political figure, his cultural production was immense. Alongside his participation in the democratic life of Italy - always on the part of social justice - Rodotà had written fundamental contributions on the issues as diverse as the respect for human rights, human dignity, so that people are never reduced to commodities even in cyberspace or the 'infosphere'.

Perhaps one of the lesser known dimensions of Rodotà's multiple activities was that dedicated to the complex interaction between technology and law. His book, which was in those years completely visionary, *Electronic Compilers and Social Control* (Mulino, 1973), laid out the first crucial questions to understanding the reality of what would become the information era. *The world in the net* got to the core of the issues; also, *What rights, what constraints* (Laterza, 2014). Rodotà was among the first to question the transnationality of law in the Internet age and. In November 2007, he presented the first draft of an "Internet Constitution" in Rio De Janeiro to the UN Internet Governance Forum. It was then that the whole of society began to reflect on the need for an Internet Bill of Rights, a domain which had until that period been limited to academic research.

The first time Stefano Rodotà and I met in person was in Naples, in October 2006, at a conference organized by the Italian Institute for Philosophical Studies on the Ethical Aspects of Interaction between Humans, Robots and Artificial Intelligence Systems. Opening the sessions with his master lesson, he described a complete scenario of issues which would become the subject of public debate only many years later: digital identity, sensitive data processing, and the shift from *habeas corpus* to *habeas data* - data on human beings becoming the "21st century oil". I remember my trepidation when I saw him sitting in the front row, listening attentively to my intervention on nanoscale robots.

My greatest pleasure was when Rodotà wrote the preface to the first Italian anthology on *Ethics and Social Responsibility in the Information Society* (Franco Angeli, 2010), published with colleagues Piercarlo Maggolini and Sebastiano Di Guardo. The last time we met together was in Amsterdam, when the International Federation for Information Processing (IFIP) Working Group 9.2 awarded Rodotà the 2012 Namur Award:

"... for an outstanding contribution with international impact to the awareness of the social implications of information technology. The aim is to draw attention to the need for an holistic approach in the use of information technology in which the social implications have been taken into account."

(<http://ifipwg92.org/blog/category/namur-award/>)

On that occasion, it was with great emotion that I listened to his lecture about the future of the digital identity. I could see that - even at international level - Rodotà's thinking placed him among the "giants".

Rodotà's greatest lesson was to teach that, in the design of technological systems, one should always place human beings at the centre, starting from their rights and their dignity. Technological development must never become techno-determinism. We human beings are plunged into the very centre of technology.

At the same time as I feel the pain of the death of a teacher and a friend - who was a source of inspiration, encouragement and guidance for those who deal with the ethical dilemmas emerging from the complex interaction between technology and society - is associated the feeling of being lucky to sit "on the shoulders of giants" like Prof. Stefano Rodota when striving to design socially desirable and ethically acceptable innovations.

Norberto Patrignani

Ivrea, June 24, 2017

Some of forthcoming IFIP events. For a full list of events, please look at <http://www.ifip.org>

World Conference on Computers in Education 2017 http://wcce2017.com	WCCE 2017	03/07-06/07 2017 Dublin, IE	IFIP
International Conference on Descriptive Complexity of Formal Systems http://dcfs2017.di.unimi.it	DCFS 2017	03/07-05/07 2017 Milano, IT	IFIP WG1.2 /IFIP TC1
11th International Conference on Autonomous Infrastructure, Management and Security http://www.aims-conference.org/2017/	AIMS 2017	10/07-14/07 2017 Zürich, CH	
28 th IFIP TC7 Conference 2017 on System Modelling and Optimization http://ifip17.iam.metu.edu.tr	IFIP07METU	17/07-21/07 2017 Ankara, TR	IFIP TC7
IFIP WG 11.3 Conference on Data and Applications Security and Privacy https://dbsec2017.ittc.ku.edu/	DBSec	17/07-19/07 2017 Philadelphia, US	IFIP WG11.3 / IFIP TC11
10th International Conference on Graph Transformation https://sites.google.com/site/gratra2017/	ICGT 2017	18/07-19/07 2017 Marburg, DE	IFIP WG1.3 / IFIP TC1
Information Security South Africa http://www.infosecsa.co.za	ISSA	16/08-17/08 2017 Johannesburg, ZA	IEEE
International Cross Domain Conference for Machine Learning & Knowledge Extraction http://cd-make.eu	CD-MAKE	29/08-01/09 2017 Reggio Calabria, IT	IFIP WG8.4 / IFIP TC8
2017 IFIP EGOV-EPART Conference http://faculty.washington.edu/jscholl/ifip.working.group.8.5/website/conference/#/	IFIP EGOV-EPART	04/09-07/09 2017 St Petersburg, RU	
Conference on Spatial Information Theory http://cosit2017.org	COSIT	04/09-08/09 2017 L'Aquila, IT	IFIP TC12
9th International Workshop on Resilient Networks Design and Modeling http://www.rndm.pl/2017	RNDM 2017	04/09-06/09 2017 Alghero, Sardinia, IT	A request for technical co-sponsorship will be submitted to IEEE
IFIP Summer School on Privacy and Identity Management 2017 http://www.ifip-summerschool.org	IFIP Summer School	04/09-08/09 2017 Ispra, IT	IFIP WG11.6 /IFIP TC11
Advances in Production Management Systems 2017- the path to intelligent, collaborative and sustainable manufacturing http://www.apms-conference.org	APMS 2017	04/09-06/09 2017 Hamburg, DE	IFIP WG5.7 / IFIP TC5
EPIA Conference on Artificial Intelligence http://www.fe.up.pt/epia2017	EPIA 2017	05/09-08/09 2017 Porto, PT	APPIA
IFIP International Conference on Topics in Theoretical Computer Science http://ttcs.ir	TTCS 2017	12/09-15/09 2017 Tehran, IR	IFIP WG1.8 / IFIP TC1
Working Conference on Virtual Enterprises http://www.pro-ve.org	PRO-VE 2017	18/09-20/09 2017 Vicenza, IT	SOCOLNET - Society of Collaborative Networks

Some of forthcoming IFIP events. For a full list of events, please look at <http://www.ifip.org>

IFIP WG 7.2 WORKSHOP "OPTIMAL CONTROL OF PARTIAL DIFFERENTIAL EQUATIONS" ON THE OCCASION OF EDUARDO CASAS' 60th BIRTHDAY http://www.casas60.unican.es	CASAS60CON-TROLPDE	18/09-21/09 2017 Castro-Urdiales (Cantabria), ES	CIEM (International Centre for Mathematical meetings) / City Council of Castro Urdiales
IFIP International Conference on Entertainment Computing 2017 http://icec2017.net	ICEC2017	19/09-21/09 2017 Tsukuba, JP	IFIP TC14
2017 International Conference on Cyberworlds http://cyberworlds-conference.org	CW 2017	20/09-22/09 2017 Chester, GB	IFIP WG5.10 / IFIP TC5
2017 Workshop on Hybrid Human-Machine Computing http://hhmc2017.commando-humans.net	HHMC 2017	20/09-21/09 2017 Guildford, GB	IFIP TC12, WG 12.7, WG 13.2, WG 13.7, - IEEE Systems, Man and Cybernetics Society Technical Committee on Cognitive Computing
10th IFIP Wireless and Mobile Networking Conference http://jlloret.webs.upv.es/wmnc2017/	WMNC 2017	25/09-27/09 2017 Valencia, ES	Technical Co-Sponsors:IFIP, IEEE
INTERACT 2017 http://interact2017.org/	INTERACT 2017	27/09-29/09 2017 Mumbai, IN	IFIP TC13
European Conference on Service-Oriented and Cloud Computing http://esocc2017.ifi.uio.no	ESOCC	27/09-29/09 2017 Oslo, NO	Flavio De Paoli (depaoli@disco.unimib.it)
The Dewald Roode Workshop on Information Systems Security Research http://ifip.byu.edu/	IFIP WG8.11/WG11.13	06/10-07/10 2017 Tampa, US	IFIP WG8.11 / IFIP TC8
International Conference on Testing Software and Systems http://ICTSS2017.org	ICTSS	09/10-11/10 2017 St-Petersburg, RU	St. Petersburg Institute for Informatics and Automation, RAS, Montimage, France Institut Mnes / Telecom, France
11th International Symposium on Intelligent Distributed Computing http://idc2017.pmf.uns.ac.rs	IDC 2017	11/10-13/10 2017 Belgrade, RS	School of Electrical Engineering, University of Belgrade
IFIP/IEEE International Conference on Very Large Scale Integration http://www.vlsi-soc.com	VLSI-Soc	23/10-25/10 2017 Abu Dhabi, AE	IEEE, ACM
12th OTM International Workshop on Enterprise Integration, Interoperability and Networking http://otmconferences.org/	EI2N	25/10-26/10 2017 Rhodes, GR	IFAC TCs , InterOp Grande-Region Greek Interoperability Center

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