Geneva, 12th of January 2016

IFIP TC3 / GA / IFIP-ILC

Swiss Representative at GA + Special IFIP TC3 Consultant Member of IFIP ILC (International IFIP Committee Report for the SIC Annual meeting 21.01.16

Raymond MOREL (CH)
Raymond.Morel@unige.ch

(period January 2015 -> December 2015)

Summary :

0. Preliminary

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1. Preliminary

The SI (Swiss Informatics Society), the Swiss IFIP Member

Very active in IFIP since its creation in 1960 and although not part of the European Community, **Switzerland** has not only been a founder of IFIP but has continued to contribute towards its objectives and activities without interruption through the personal involvement of its representatives:
- active presence in the Executive Board and the Council and 3 Presidents covering a period of 12 years.
- R.Morel, Swiss representative to the IFIP GA since 1999, has been Board Member and Councillor from 2004 to 2010.
- Strong and active Swiss presence in the Technical Committees and Working Groups dealing with matters of interest to Switzerland.

Today, **78 specialists** from Swiss Academia and industry are participating in **11 TC's** and **39 WG's.**
The TC representatives are appointed by SI, the Swiss Member of IFIP since 2011.
The WG members are individual specialists accepted by the WG's for their expertise (there is no country limitation on their number).
The personal involvement and the efforts of these specialists contribute, through their international contacts with leading experts, to acquiring and bringing to Switzerland knowledge on new technology developments and strategies discussed within IFIP Working Groups. They are the ambassadors of Switzerland to the TC's and WG's
and contribute to the maintenance and improvement of the Swiss international image.
This is especially true in areas such as Education, Communications (infrastructure, access, etc..),
Security, Software, Human aspects, etc.. which present important interest and potential for Switzerland.
Support for these international activities is therefore very important to allow the continuation of an active Swiss participation in the international IFIP activities in all areas of ICT.

The Swiss delegates
are appointed for a period of 4 years renewable by periods of 2 years. The names of the Swiss TC and Working Groups representatives are published on the SIC Web site
http://www.ict-21.ch/SIC

Current Delegates to IFIP (GA and TC's)
http://www.ict-21.ch/SIC/IMG/docx/SIC-Swiss-TCs.docx

The main functions of a Swiss IFIP TC representative are :

- ❖ to assure the both ways communications between Switzerland and his TC (information to the Technical Committee about latest developments and concerns in Switzerland and information to the interested parties in Switzerland about the TC activities),
- ❖ organise TC meetings and events in Switzerland when feasible, etc...

For more information (cf. para 3) **:**

- **Tasks** : http://www.ict-21.ch/SIC/IMG/docx/SIC-task.docx
- **Rules** : http://www.ict-21.ch/SIC/IMG/docx/SIC-rules.docx

The Swiss IFIP Committee (SIC) is (since September 2011) one of the Working Groups of the SI (Swiss Informatics Society) which is now the new Swiss Member of IFIP.
SIC members are the Swiss delegates to the IFIP General Assembly and to the IFIP Technical Committees.
It meets once a year to discuss the annual reports of the TC rep's, past and future activities, participation in Swiss associations and events, issues with IFIP and its TC's, etc..
This begin of this report describes briefly the IFIP Federation and its various bodies, various aspects of the Swiss participation and contributions to IFIP, the associated amount of efforts and tries to emphasise the value for Switzerland of this participation

http://www.ict-21.ch/SIC/

www.ict-21.ch/SIC/spip.php?article9
UBS.ch
Most Visited
À la une
Invitations en atten...
IFIP Education
L4D Learning for D...
Your prezis
Welcome to the SIC (Swiss IFIP Committee)
Engineering the Knowledge Society
SATW
ict.satw.ch
WFEO
world summit on the information society
ifip
Plateforme thématique e-Switzerland
Home page | Swiss IFIP Committee (SIC)
Swiss IFIP Committee (SIC)
Site Map
Forum messages
Contact
Member login
Private area
Enter the keyword(s)
Search
exalead
Latest update :
Tuesday 15 April 2008
Publication statistics :
12 Articles
No brève
No site
2 Authors
Visits statistics :
5 today
10 yesterday
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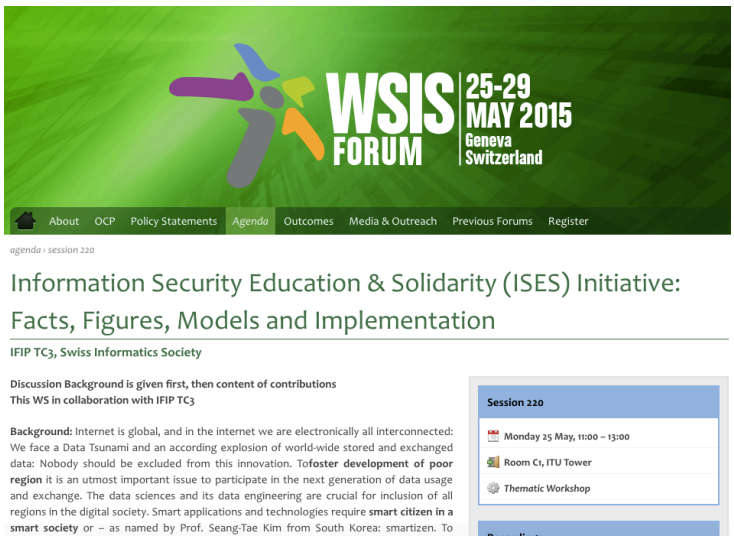
Popular articles :
Events
Partners
Reports
Activities SIC in 2015
IFIP FULL MEMBER SOCIETY REPORT 2015
to the General Assembly, San Jose - September 2016
minutes to come after the GA
The Swiss IFIP Committee (SIC):
2016 Report on 2015 Activities to the GA of the SI
will be available just before the SI GA (3rd of May 2016)
Reports 2015 of the Swiss reps :
TC1 to come after SIC Annual meeting 21.1.2016
TC2 to come after SIC Annual meeting 21.1.2016
TC3 to come after SIC Annual meeting 21.1.2016
TC5 to come after SIC Annual meeting 21.1.2016
TC6 to come after SIC Annual meeting 21.1.2016
TC8 to come after SIC Annual meeting 21.1.2016
TC9 to come after SIC Annual meeting 21.1.2016
TC10 to come after SIC Annual meeting 21.1.2016
TC11 to come after SIC Annual meeting 21.1.2016
TC13 to come after SIC Annual meeting 21.1.2016
TC14 to come after SIC Annual meeting 21.1.2016
Minutes of the SIC annual meeting (21st of January 2016) will be available for the SI GA (3rd of May 2016)
Activities SIC in 2014
IFIP FULL MEMBER SOCIETY REPORT 2014
to the General Assembly, Daejon - October 2015
Minutes of GA'2015 :
http://www.ict-21.ch/SIC/IMG/pdf/GA2015CH_IFIP_Report15-v6.pdf
www.ict-21.ch/SIC

1. Activities in and around the TC3 / GA

(After the SIC annual meeting for 2014 activities (13th of January 2015 in Berne))

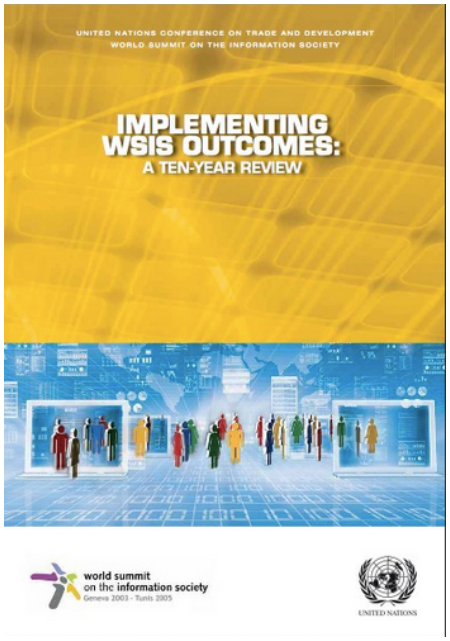
- **30th of January and 2nd of March 2015 in Geneva (IUT with UNESCO and UNCTAD & Cie) :**
  - Preparation of the « **WSIS Forum 2015 and Beyond HLE** » (High Level Event in June) - see below
- **LIFT'2015 4th to 6th of February 2015**
  - Plenty of contacts and very interesting sessions – usefull for IFIP
- **23rd to 25th of February 2015 in London : 3 workshops between TC9 and TC3**
  - A one-day workshop on ethics and social accountability for ICT "The challenges of virtuality and the cloud : « The implications of accountability and professional ethics"
  - IFIP : Towards tomorrow's successful digital citizens : A policy think tank - London 24th February 2015
  - The third activity was dedicated to the **IFIP Project on Digital Equity** (preparing WSIS, Vilnius and Daejeon for this topic) see below
- **17th of April 2015 : UNESCO notifies IFIP-TC3 that the project ISES 2014-2015 was accepted**

With all the work achieved in 2013 (namely at WCCE'2013) and in 2014 (WSIS workshop, TC3 Potsdam conference, it was not difficult to proposes a WSIS workshop for the edition 2015 of the Forum on ***I**nformation **S**ecurity **E**ducation and **S**olidarity »



➢ **A same process was devekopped for the other IFIP project IP3 on IT-Professionalism**

➢ **Implementing WSIS outcomes : A ten-year review - UN-CSTD (April 2015)**



➢ **25th to 29th of May 2015 in Geneva (IUT with UNESCO and UNCTAD & Cie) :**

- **Draft programme for WSIS Forum 2015 : Innovating Together - Enabling ICTs for Sustainable Development (Geneva 25th to 29th of May)**

- http://www.ict-21.ch/l4d/pg/file/read/883250/draft-programme-for-wsis-forum-2015-innovating-together-enabling-icts-for-sustainable-development-geneva-25th-to-29th-of-may

The programe

- http://www.itu.int/net4/wsis/forum/2015/Content/doc/WSIS.Forum.2015_ProgrammeBrochure.pdf

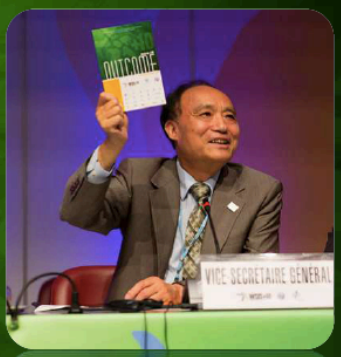
The **key themes** of the 2015 WSIS Forum are:

- Innovation;
- Accessibility;
- Gender empowerment and mainstreaming (Beijing+20);
- Sustainable development (Post-2015 Agenda);
- Cybersecurity and
- WSIS beyond 2015 (WSIS + 10)

WORLD SUMMIT ON THE INFORMATION SOCIETY

High Level Dialogues

- Innovation in ICTs for Sustainable Development
- Making Empowerment a Reality – Accessibility for All
- Empowering Women to Innovate through Technology
- Building Trust in Cyberspace – Working Together
- Post-2015 Sustainable Development Goals and WSIS Action Lines

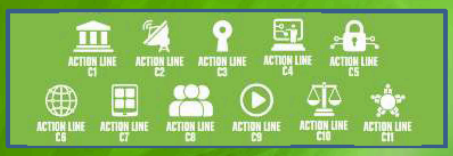


WSIS FORUM 25-29 MAY 2015 Geneva Switzerland

WORLD SUMMIT ON THE INFORMATION SOCIETY

WSIS-SDG Matrix

Impact of WSIS Action Lines on Sustainable Development Goals



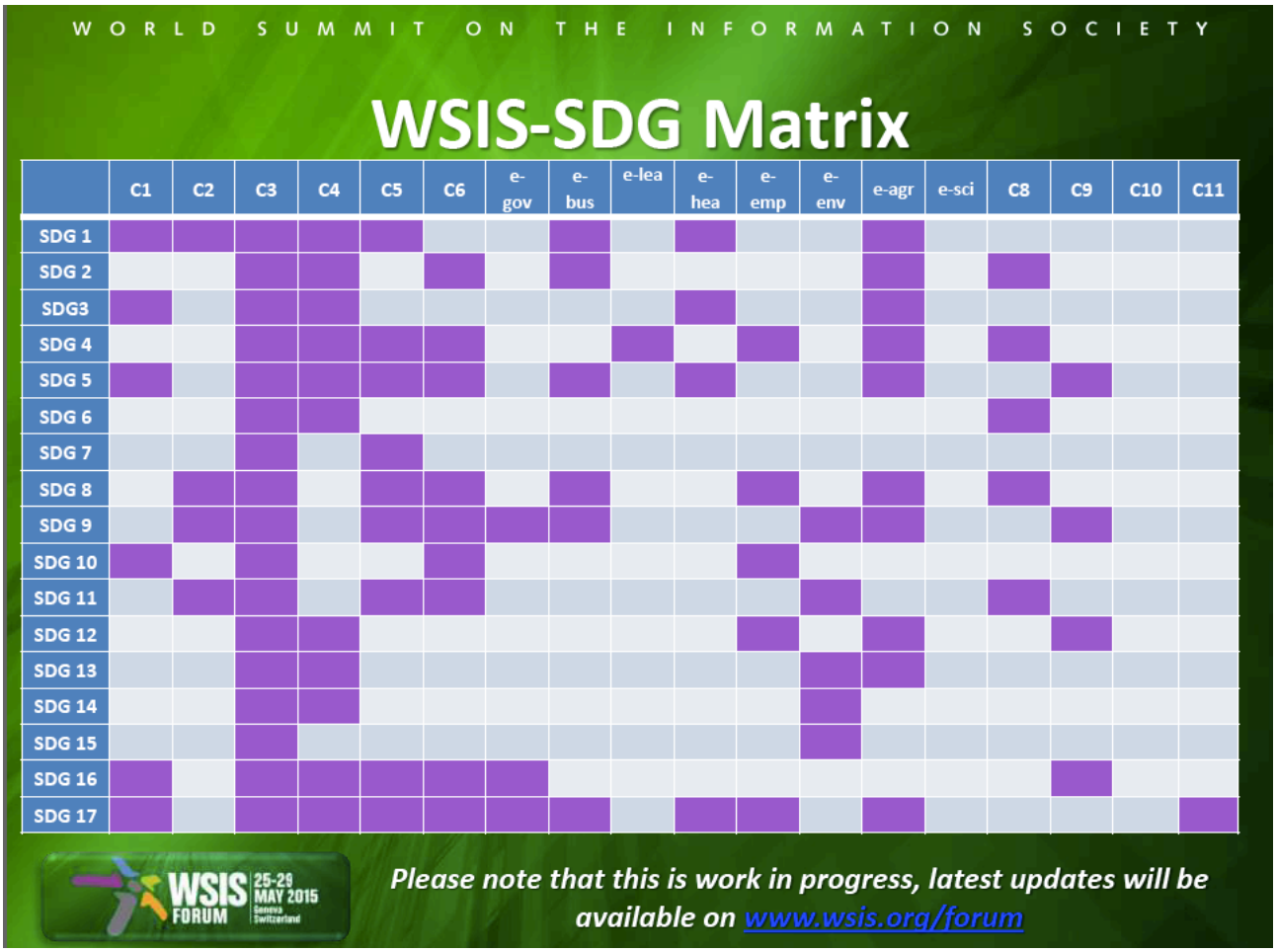
Open Working Group proposal for **Sustainable Development Goals**

- Released during WSIS Forum 2015
- Joint effort of all United Nations Action Line Facilitators
- Aims at drawing direct linkages between WSIS Action Lines and proposed SDGs, to continue strengthening the impact of ICTs for sustainable development
- analysis by each Action Line Facilitator, of connections and relations between their respective Action Line with the proposed SDGs and their targets

WSIS FORUM 25-29 MAY 2015 Geneva Switzerland

ICTS AND SUSTAINABLE DEVELOPMENT

IMPORTANT TO NOTE
Spread the news on the WSIS-SDG Matrix!
This matters to the WSIS beyond 2015!!!



The importance of the WSIS x SDG Matrix is very high to better undersatnd and communicate for any activity in the digital society.

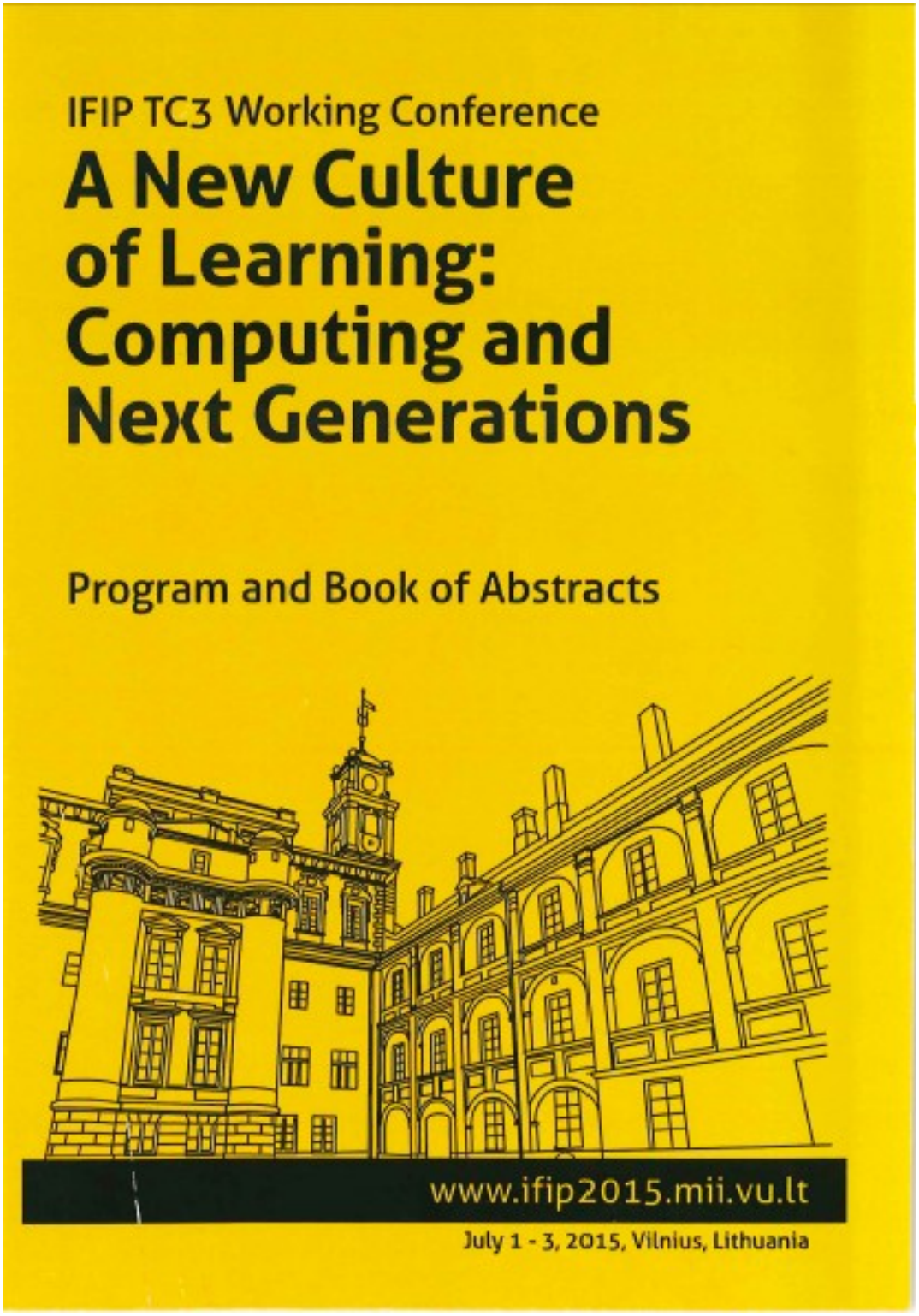
I think it is not only a good grid to mesure the IFIP activities, but also very usefull for the SI and / or any developpment in the digital age inSwitzerland

- **eedbacks from WSIS Forum 2015 : How will act IFIP in the future to keep a role in the INFORMATION SOCIETY ?**

- **Towards elaboration of codes of conduct in the digital world**

- **A New Culture of Learning: Computing and Next Generations IFIP TC3 Working Conference (1-3July 2015) - Programme Abstracts-book in Vilnius**

A New Culture of Learning: Computing and Next Generations IFIP Working Conference (1-3 July 2015) - Programme Abstracts-book



Here again it was a good opportunity to held 2 workshops,
one for ISES and one for Digital Equity

Information Security Education & Solidarity

IFIP TC3 World Conference - *July 1-3, 2015, Vilnius, Lithuania*

Session on

Information Security Education & Solidarity (ISES)

The Internet is global. Is security in the global net a local issue? One for all, all for one: We are connected and by demonstrating Information Security Solidarity from rich countries, we foster least developed countries' information security: in return, rich countries benefit from fewer attacks: we remain all connected!

Speakers:

Prof. Konrad Marfurt, representing for ICT cooperation with Rwanda
Serah Francis, representing Kenya
Ambika Shrestha, representing Nepal
Organisation: Prof. Dr. Bernhard M. Hämmerli Switzerland

http://www.ict-21.ch/com-ict/IMG/pdf/Vilnius July Conference Proposal_v1.pdf

DIGITAL EQUITY IN DEVELOPED AND DEVELOPING COUNTRIES: A UNESCO PERSPECTIVE

Mariana Pãtru
UNESCO

United Nations Educational, Scientific and Cultural Organization

- **Digital Equity in Developed and Developing Countries - A Unesco Perspective by Mariana Patru**

➢ **After the Vilnius conference the IFIP TC3 Committee held its Annual General Meeting.**

The new TC3 Strategy; (working groups and task forces) was evaluated after one year of new functionning.

For the other main items and decisions cf. http://www.ict-21.ch/com-ict/IMG/doc/Minutes%20TC3%20Annual%20Meeting%202015.doc

And TC3 chair report's to GA'15 http://www.ict-21.ch/com-ict/IMG/pdf/tc3%20report%20ga2015.pdf

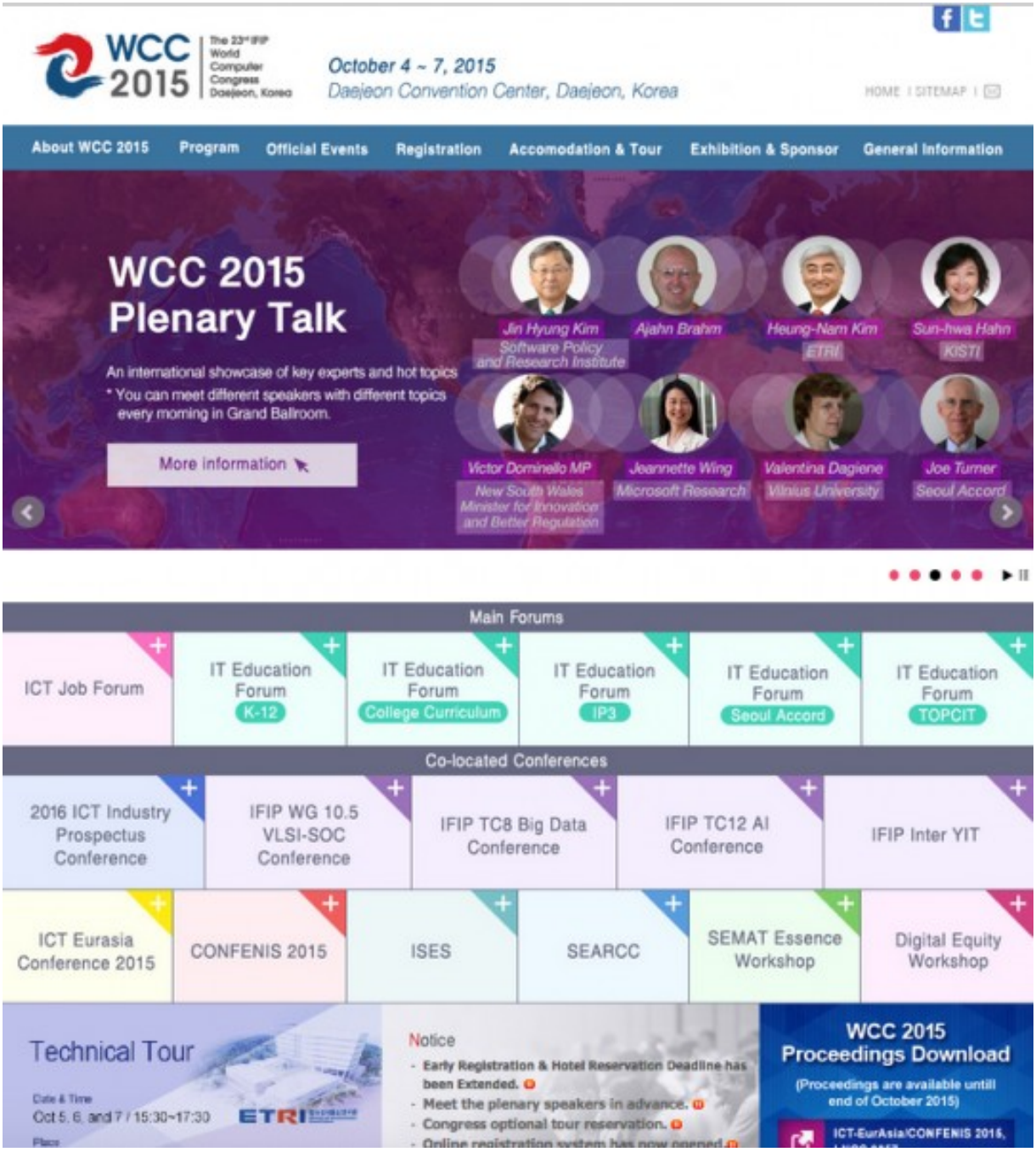
➢ **In Daejeon (South Korea) was taking place the WCC'2015 (4-7 ofOctober 2015)**

A full complete successful event with a lot of streams / conferences / workshops / etc

WCC 2015, Opening our Future Together ! 4th to 7th of October 2015 - Daejeon (South Korea) ==> The full Programme

Workshop on Digital Equity inside IFIP WCC'2015

The keynotes were of an excellent level, balanced and quite interesting



A brief selection from my point of view (it was so rich that you can't make it globally)

In a non precise order or priority

- **How Do We All Realize Innovation and Collaboration - Key Trends and the New World of Work in the Innovation Economy Mark Mueller-Ebenstein @the 2015 WCC in Daejeon (South Korea)**

- **Innovation, and Data Analytics - Data analytics announcement by The Hon Victor Dominello MP, Minister for Innovation and Better Regulation**

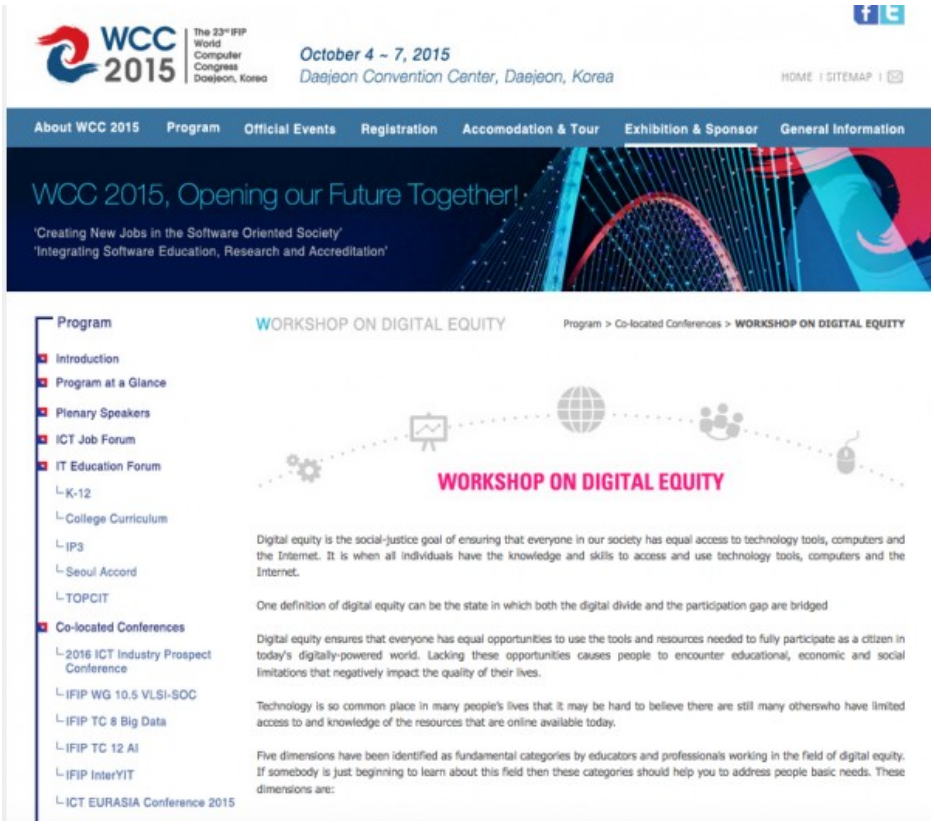
- **Seoul Accord : Where Are We Now? Presentation for WCC 2015 by Joe Turner Past Chair, Seoul Accord**

- **Inside WCC the 2nd TOPCIT Conference ==> Test of Practical Competency in ICT**

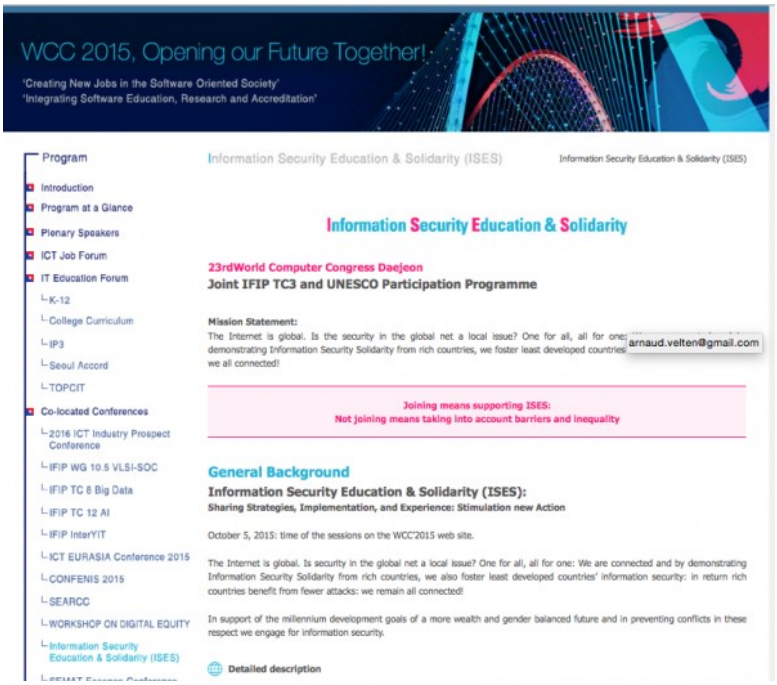
- **From the WCC and UN work**

- **IFIP IP3 Global Industry Council Releases GIC 2020 Skills Assessment Report Media Release New Report Spells Out Skills and Knowledge Needed by ICT Professionals in 2020**

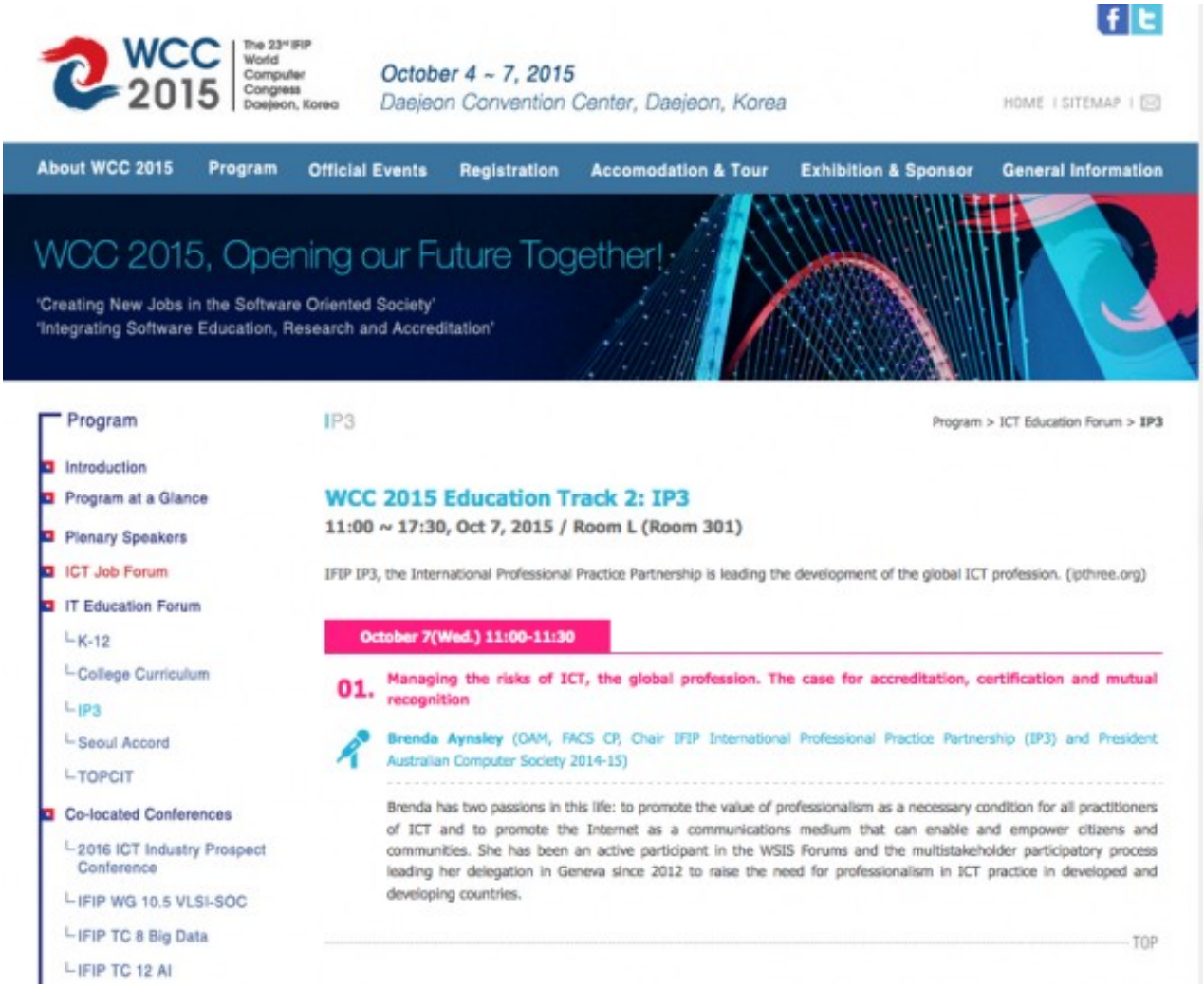
- **What is Beaver Contest ? Computer Science Competition as a Valuable Learning Experiences by Prof. Dr. Valentina Dagiene - Keynote at WCC'2015**



Workshop on Digital Equity inside IFIP WCC'2015



Workshop inside WCC'2015 on Information Security Education & Solidarity - Project IFIP-TC3 / Unesco



WCC 2015 Education Track 2 : IP3 - IFIP IP3, the International Professional Practice Partnership is leading the development of the global ICT profession. (ipthree.org) during-wcc-ifip-world-computer-congress-47-october-2015-in-daejeon

➢ 8-10 of October 2015 IFIP GA'15 at Daejeon

cf. références Minutes smentionned in my last mail with the SIC agenda for the 21st of January 2016
http://www.ict-21.ch/SIC/IMG/pdf/GA 2015 Minutes.pdf

➢ 16 – 18 of November 2015 in Sevilla : iCERI-2015

- **iCERI2015 : International Conference of Education, Research and Innovation - Conference Programme - Sevilla 16-18 November 2015**

- **A fireworks of keynotes on and around education, learning and the knowledge society**

- **POLICY AND IMPLEMENTATION ISSUES FOR INFORMATION SECURITY EDUCATION IN DEVELOPING NATIONS Serah Francis(1), Konrad Marfurt(2) : (1) Gjovik University College (NORWAY) (2) Lucerne University of Applied Science (SWITZERLAND)**

again ISES …. !!!!

Dear ICERI2015 participants,

"Facing the challenges of Education" is the main theme of this year's ICERI, as it sets the agenda for an in-depth discussion of the most important questions facing those in education today: How education should be provided? What are the newest learning methodologies? How can we learn in an innovative way? In a world of rapid technological changes, how can we adapt to the changes in its due time?

All these questions and many more will be debated in the different interactive and thematic sessions. They will provide an excellent opportunity to acquire skills and get

2. « Feedbacks IFIP » during 2015 in Switzerland

- **SI Newsletter January 2016**

10 times per year you receive a very valuable information through th SI channel

(you can be registred)

Frohes Neues Jahr wünscht Ihnen Ihre Schweizer Informatik Gesellschaft SI

View this email in your browser

schweizer informatik gesellschaft
société suisse d'informatique
società svizzera per l'informatica
swiss informatics society

dabei sein vernetzt sein weiterkommen

SI-NEWSLETTER JANUAR 2016

Editorial

Aktuelles aus der SI und den Fachgruppen - Mitgliedervorteile

Die SI Fachgruppen stellen sich vor

Partnerorganisationen

Internationale Beziehungen

From the past

Literatur / Lesetipps

Some bits

Diverses

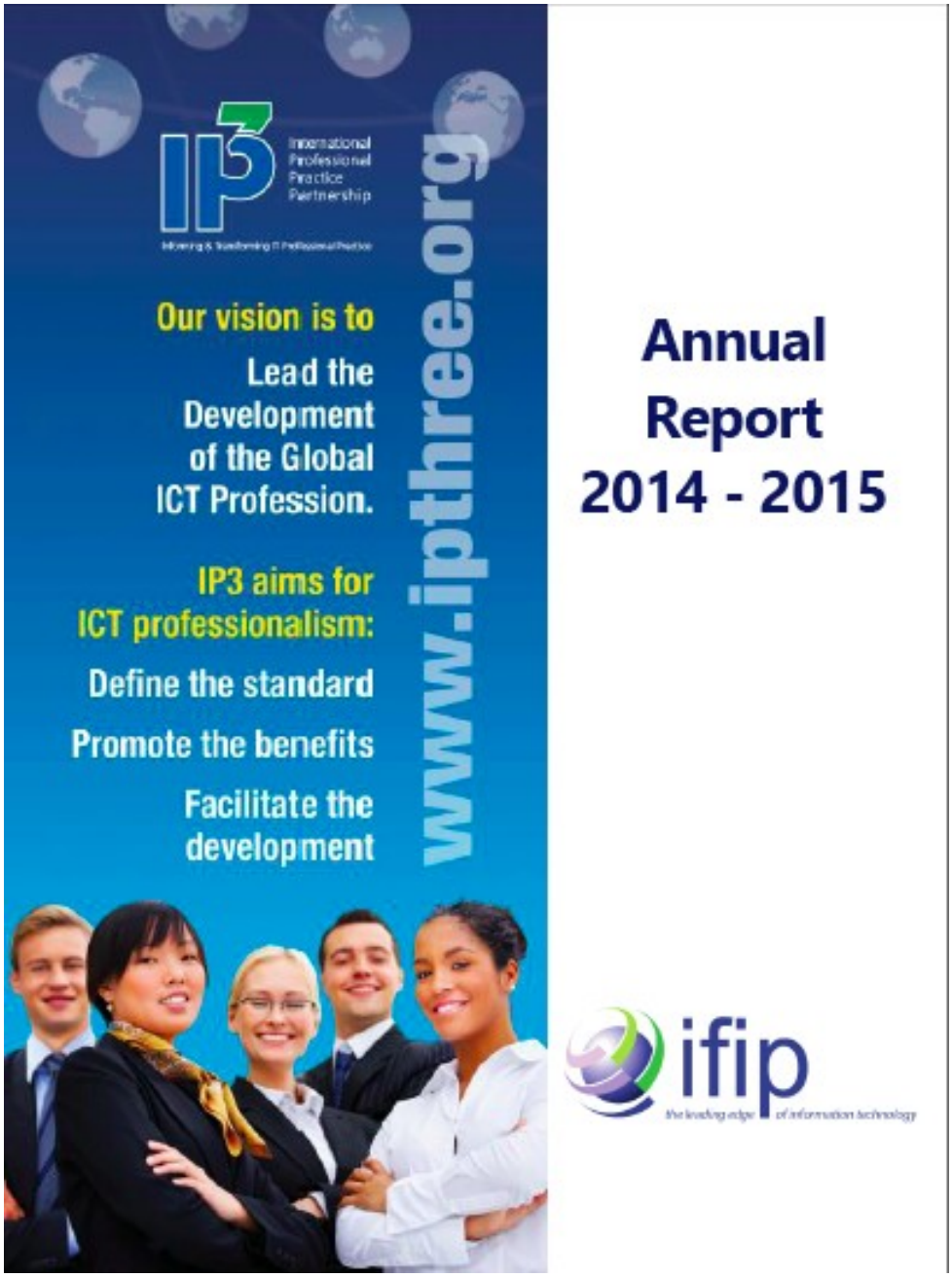
Veranstaltungskalender

http://us9.campaign-archive1.com/?u=a05d9d95f5ff96dcd8cab7446&id=af1a5e2d64&e=e7113265a0

➢ About IT-Professionalism

Inspiring by the activities of IFIP IP3, SI is working on certification processes fir IT-Professionalism i.e

Core body of Knowledge, Body of Knowledge, Lifelong Learning, Complaiance, Code of Conduct and Titles Recognition



[IFIP IP3 2014-2015 Annual Report before the 2015 IFIP GA]

International Professional Practice Programme (IP3) – A great process !

➢ ERCIM News N° 104 - January 2016

- [Tackling Big Data in the Life Sciences - Introduction to the Special Theme]
- [“Because it’s 2016” - Introduction to the section "Women in ICT Research and Education"]

For full report http://ercim-news.ercim.eu/images/stories/EN104/EN104-web.pdf

➢ Feedbacks from the EU Horizon 2020 ➔ very few info indeed We have to improve !

➢ The last IFIP Newsletter Q4 – 2015

- **It was published end of December 2015.**
- **Each member of SI can reveive free each issue**
- **http://www.ict-21.ch/l4d/pg/file/read/886972/ifip-newsletter-n-4-2015**
- **Feedbacks from WSIS Forum 2015 : How will act IFIP in the future to keep a role in the INFORMATION SOCIETY ?**

➢ SI activities in 2015

Si is very active not only through its SIGs, but also through a number of projects (certification, informatics in education, vision 2030,etc.) and working groups. A special effort was done to promote montlythe information with the SI News. Since some months some lobbying actions are elaborate (cf. The SI President's contribution during our SIC annual meeting)
Cf. above and the SI website http://www.s-i.ch/

➢ SI-SR activities

Apart of the normal activities, the SI-SR finished the project to recover a information-sharing support for replacing the previous paper support which collapsed two years ago. The Word Press magazine is in the final phase and was shared with SI
http://sisr.mag-si.ch/la-vie-algorithmique-critique-de-la-raison-numerique-de-eric-sadin/

➢ Through Social-IN3 activities

As mentionned in my previous report the research cooperative Social-IN3 **INNOVATION - INCUBATOR - INSTITUTE** created since October 2012 is a catalyst for many projects. Social innovation has become one of the major social challenges of today.
The overall objective of the SOCIAL-IN3 project is to develop a transnational collaborative network of IN3 centers as social innovation incubators focusing on testing social innovations in the local contexts with an ultimate aim to enhance socioeconomic development and increase empowerment of their local communities.
The ambiguity of the concept of social innovation, as a necessity for development of this issue for the future, is an opportunity for research and international cooperation.
The project has three specific objectives

creating the IN3 social innovation incubators internationally;
developing a transnational IN3 social innovation network;
and disseminating and scaling-up of the IN3 social innovations across Europe.

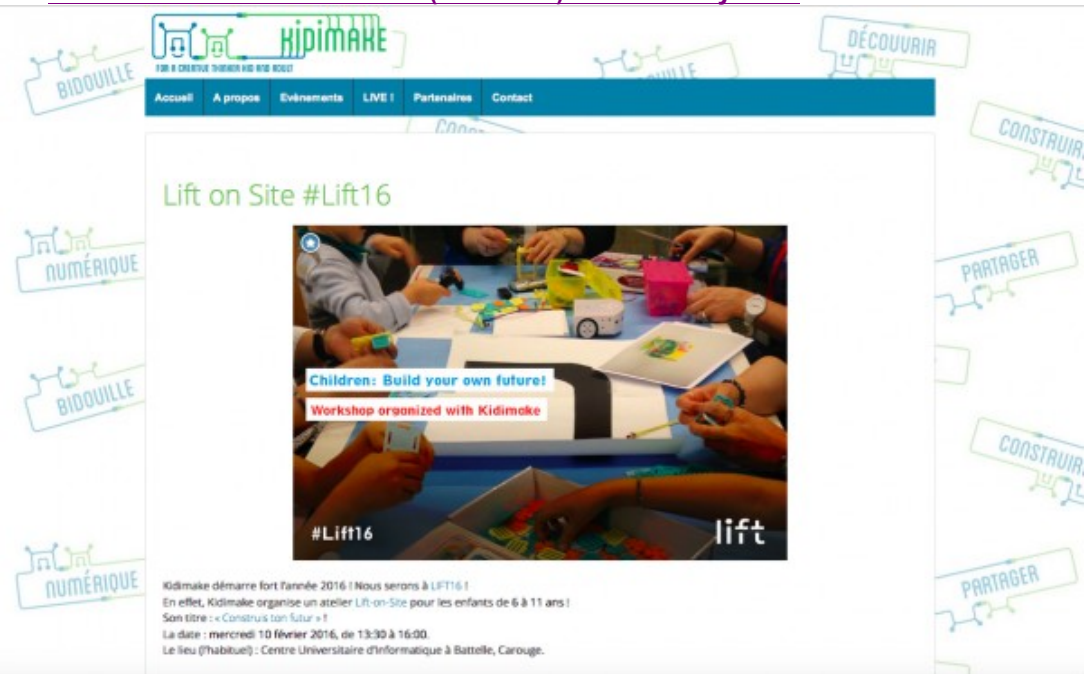
Societas Cooperativa Europaea / Geneva
social IN3 CH 01
Innovation - Incubator - Institute

We quote here this year two projects :

- The SISR magazine realize by Social-IN3 (cf. above)
- and the KDMK (kidimake) continuing activities http://www.social-in3.coop/kdmk/
- and the following item just below

➢ Lift on Site #Lift16 with Kdmk (Kidimake) -10 February 2016

Lift on Site #Lift16 with Kdmk (Kidimake) -10 February 2016



- **Many actors are doing a lot for e-Democracy and Information Society – we can quote :**
  - **Democracy 21 (expérimentation for the 14th of June 2015 votation on LRTV)**

    DemocracyOS , (DemocracyOS.com) , plateforme délibérative ouverte qui doit évoluer en direction d e l'utilisation de blockchains pour ses propriétés de confiance.

  - **GovJam GVA 2015**

    http://www.ict-21.ch/l4d/pg/file/read/884457/govjam-2015-in-geneva

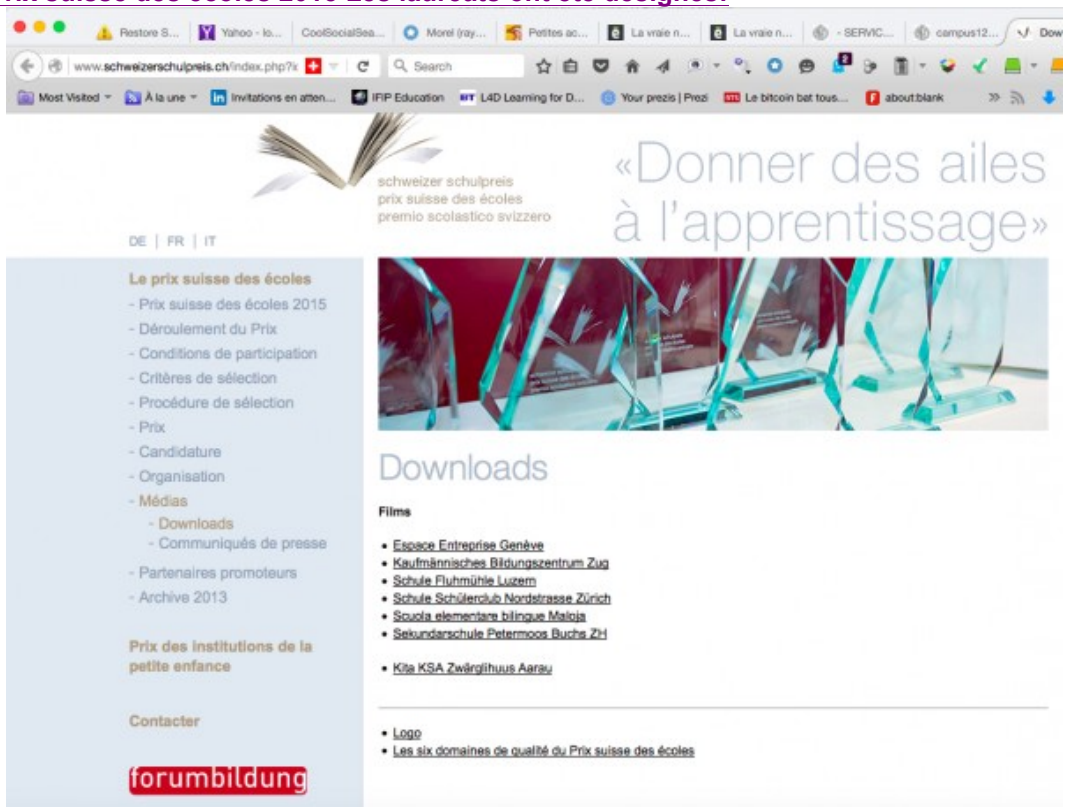
❖ **Les causeries du Jeudi à la Muse par l'OT (Observatoire technologique)**

http://www.ot-lab.ch/?page_id=1728

There are activities which complement the SI revival SIG on « Informatics and Society ,» a bit too centered for the moment on the Zurich aera and which could only benefit of Swiss French experiences. In addition there other dimensions started in 2015 like the LIN community (Leman Innovation in Numeric) and / or LABEL (indicators for increasing the confidence of users) and / or Elaboration of a trust charter, etc.

- **Prix suisse des écoles 2015 Les lauréats ont été désignés!**

Prix suisse des écoles 2015 Les lauréats ont été désignés!



➢ **EPFL 7th of May 2015 : Internet of Things and Big Data**

EPFL 7th of May 2015 : Internet of Things and Big Data

EPFL 7th of May 2015 : Internet of Things and Big Data

Un nouvel event GITI/Grifes/EPFL Alumni à ne pas manquer!

L'inscription est gratuite mais le nombre de place est limité. Nos events GITI/Grifes/EPFL Alumni étant généralen au plus vite (cf. bulletin ci-dessous)!

- 16h30-17h: **Enjeux sociaux du Big Data et de l'IoT**
  Dr Sami Coll, Institut des sciences sociales, Université de Lausanne
- 17h-17h30: « **Quantified self** » **et Big Data**
  Monsieur Mischa Stamm, Swisscom
- 17h30-18h: **Internet des Objets : les challenges et les risques potentiels**
  Monsieur David Lazzerini, HP
- 18h-18h15: Pause
- 18h15-18h45: **La protection des données à l'heure des mégadonnées «Big Data – Big protection»**
  Monsieur Jean-Philippe Walter, préposé suppléant, PFPDT
- 18h45-19h15: **Quand l'IoT intègre votre SI**
  Monsieur Jérôme Berthier, ELCA, Head of BI and Big Data Division

http://ict-21.ch/SIC/IMG/pdf/Grifes-2015-05-07-IoT-Big-Data-SColl.pdf
http://ict-21.ch/SIC/IMG/pdf/Grifes-2015-05-07-IoT-Big-Data-Swisscom.pdf
http://ict-21.ch/SIC/IMG/pdf/Grifes-2015-05-07-IoT-Big-Data-HP.pdf
Grifes-2015-05-07-IoT-Big-Data-PFPDT.pdf
http://ict-21.ch/SIC/IMG/pdf/Grifes-2015-05-07-IoT-Big-Data-Elca.pdf

➢ Short presentation of a contribution from Dirk Helbing at the 9. Zürich **Future IT-Trends** on the 8th of September 2015.

Creating A Planetary Nervous System As A Citizen Web - Dirk Helbing

- **2 meetings of IGF-CH (19th of May and 3rd of November 2015**

The component of Eurodig and the world IGF beside of WSIS

3. Other facts linked with Education in Switzerland during 2015

- **Kommission Bildung of ICT switzerland**

Position papers on : Lehrplan 21 ICT for Lehrplan-21 (curriculum for primary and low secondary éducation) Informatik an Gymnasien ICT in Gymnasium Zürcher Schulblatt Vision in Zurich area. In addition the Commission KB elaboreted a memorandum on insatisfactory/missing informatics in the Swiss schools .

We are far away from a real relection and real /efficient/concrete actions towards the sustainable education in a knowledge society

- **A Digital Agenda for 2020 (or 2030 ?) in Switzerland**

Nothing new was happening till this last June with a new version and a new title
agenda numérique 2.0 en route pour « smart switzerland »
and now except the entry of ICTswitzerland in economiesuisse
http://www.le-blog-de-mathieu-janin.net/ICTswitzerland-nouvellement-represente-dans-la-faitiere-economique-suisse_a274.html
we are looking for concrete actions

- **2 special conferences were promoted bySI for the French speaking part**

Confererence N°1 on 23rd of April 2015

SI event : Bitcoin et monnaies complémentaires (23 avril 2015)

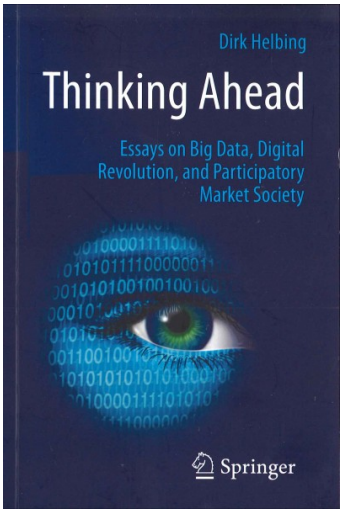
Jean-Michel Cornu est consultant international, directeur scientifique de la Fondation Internet Nouvelle Génération et Chief Visionary Officer du projet Imagination for People.

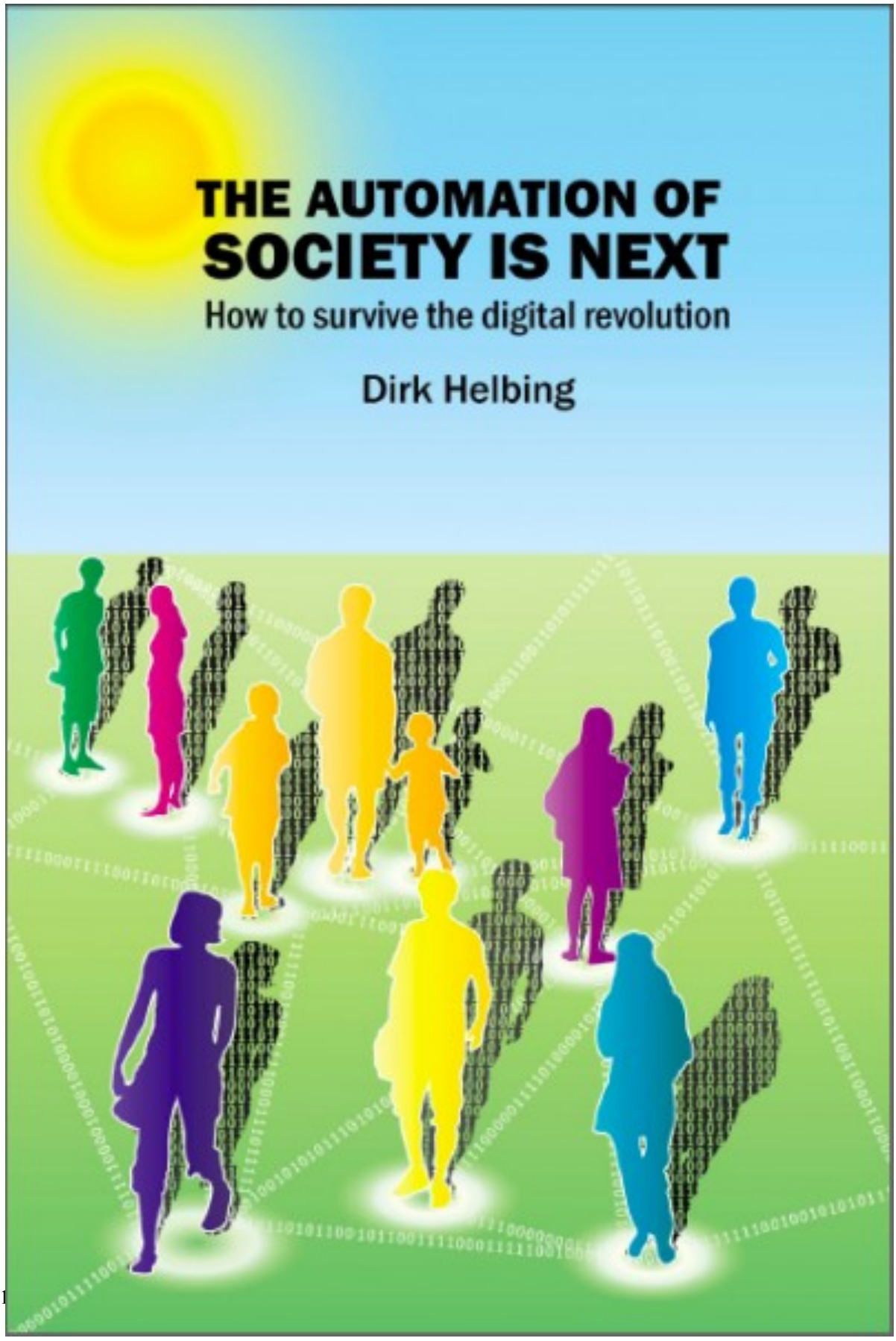
Alexis Roussel est juriste et entrepreneur. Il a présidé le Parti Pirate Suisse jusqu'en mars 2015. Il est un militant actif, ardent défenseur du numérique tout en pointant ses dérives.

Jean-Christophe Schwaab est conseiller national socialiste vaudois. Il est président romand de l'Association suisse des employés de banque.

Confererence N°1 on 24th of November 2015

Est-il possible de s'approprier le futur en le vivant… démocratiquement ? « How to survive the digital revolution ? » Dirk Helbing




THE AUTOMATION OF
SOCIETY IS NEXT
How to survive the digital revolution
Dirk Helbing

Report 201

4. Miscellaneous

- Various **articles** in CH newspapers and websites and other societies IdM (Ingenieurs du monde, une NGO), SSAB, Swiss Engineering, the Foundation Ynternet.org, etc

- Hundreds of messages with e-mail

- **Active participation for diffusion of all informations for forthcoming IFIP events** (usual tasks : call for papers, preliminary program, reviewing, organisation of the national contribution, then post-conference feed-back)

- Meetings with the **SI Committee** (Swiss Informatics Society) and **KB** (special interest group for Kommission ICT Bildung)**.** SI is the leader for **ECDL** in Switzerland

- Report (meeting in Bern) at the **Swiss Committee for IFIP** January 2015

- Maintenance and archives of the TC-3 Web site

- **Establishing links** between **EU R&D programs and TC3 community for projects** and more generally **links between new projects and TC3 community**

RM/12.1.2016