

## From the IFIP circles

From a five days intensive, innovative and deep meetings under the auspices of IFIP, IP3, and celebrating the 50th anniversary of ACS (Australian Computer Society)

## Cybersecurity - Threats - Challenges - Opportunities by ACS (November 2016)



More info :

<http://www.ict-21.ch/l4d/pg/file/read/893539/cybersecurity-threats-challenges-opportunities-by-acs-november-2016>

# IFIP IP3 Launches iDOCED Initiative



## IFIP IP3 Launches iDOCED Initiative

**Friday 2nd December 2016** – The IFIP International Professional Practice Partnership (IP3) – the body focused on professional standards for the global ICT industry – today announced the launch of **iDOCED**, the *IFIP Duty of Care for Everything Digital* Initiative. **iDOCED** is designed to remind and support both providers and consumers of digital products and services that they have a duty of care in ensuring that they act responsibly in relation to the digital world.

IFIP IP3 Chair, Brenda Aynsley, said **iDOCED** was developed in response to numerous instances of poor ethical behaviour by companies, low quality or underperforming products, or a lack of care by digital consumers in how they use social media or access the Internet – all of which create negative impacts for the community.

"We've recently seen high profile failures with the Australian Census website, and major system implementations at NSW TAFE and QLD Health systems, and last year, VW was caught using technology to cheat fuel emissions testing, which has cost them nearly US\$15 billion in the US market alone," said Aynsley. "On top of that, we've seen users compromised by the way they accessed the Internet or used software or various online tools, such as people whose webcams were hacked and used to invade their privacy or even film them without their knowledge.

"The **iDOCED** seeks to raise awareness of what users can and should do to protect themselves in today's digitally-connected world, and to

IFIP IP3 Launches iDOCED Initiative IFIP Duty of Care for Everything Digital Initiative HIT Honour-Integrity-Trust

More info :

<http://www.ict-21.ch/l4d/pg/file/read/893548/ifip-ip3-launches-idoced-initiative>

## Swiss IT Professional : A certification project by the Swiss Informatics Society communicated to the IP3 Board at the Sydney IT professional meetings (end of Nov 2016)



### Swiss IT Professional: A Certification Project by the Swiss Informatics Society

The *Swiss Informatics Society SI* ([swissinformatics.org](http://swissinformatics.org)), in cooperation with *SIRA* (Swiss Informatics Research Association), *swissICT*, *Inforna Modell-F* (a Federal initiative) and *SPM* (Swiss Association for Project Management) offers an opportunity for IT professionals to be certified under the label of *Swiss IT Professional*. Typical candidates are positioned on *Tertiary A* level, owning a Bachelor/ Masters diploma in *Informatics* or *Information Management* from a Swiss University (including ETHZ/ EPFL and Universities of Applied Sciences). Candidates with a non-standard career and career changers are eligible on a "sur-dossier" basis via *Inforna Modell-F*. A pilot will start in 2017.

The generic certification framework comprises the following three components ("pillars"). It is currently in a process of international accreditation by *ifip* (International Federation for Information Processing).



**More info :**

<http://www.ict-21.ch/l4d/pg/file/read/894019/swiss-it-professional-a-certification-project-by-the-swiss-informatics-society-communicated-to-the-ip3-board-at-the-sydney-it-professional-meetings-end-of-nov-2016>

**IT Professionalism and SI initiative communicated to the IP3 Board at the Sydney IT professional meetings (end of Nov 2016)**

## IT PROFESSIONALISM AN SI INITIATIVE

Jürg Gutknecht, Swiss Informatics Society, December 2016



**More info :**

<http://www.ict-21.ch/l4d/pg/file/read/894044/it-professionalism-and-si-initiative-communicated-to-the-ip3-board-at-the-sydney-it-professional-meetings-end-of-nov-2016>

**IFIP Presidents and Australia 3.0 NSW Government Ministerial Forum - Date: Wednesday 30th November 2016  
Venue: Stateroom - Level 2 Hilton Hotel Sydney 488 George Street Sydney NSW 2000**

**acs** Sessions for IFIP Presidents and Australia 3.0 NSW Government Ministerial Forum

**Sessions** Registration Details Venue Pricing Details

**IFIP Presidents and Australia 3.0 NSW Government Ministerial Forum**

Date: Wednesday 30th November 2016

Time: Registration 8:15am for 8:30am start to 12:00pm

Venue:

Stateroom - Level 2  
Hilton Hotel Sydney  
488 George Street  
Sydney NSW 2000

CP Hours: 5

**acs** **Pearcey** **A3.0 Australia 3.0**  
FOUNDATION REALISING DREAMS INTO COLLABORATIVE ACTION

More info :

<http://www.ict-21.ch/l4d/pg/file/read/893593/ifip-presidents-and-australia-30-nsw-government-ministerial-forum--date-wednesday-30th-november-2016-venue-stateroom-level-2-hilton-hotel-sydney-488-george-street-sydney-nsw-2000>

**Sessions for ACS Cyber Security Forum - Global approaches to building resilience, the cyber-security ecosystem and staying on top of the old and new threats**

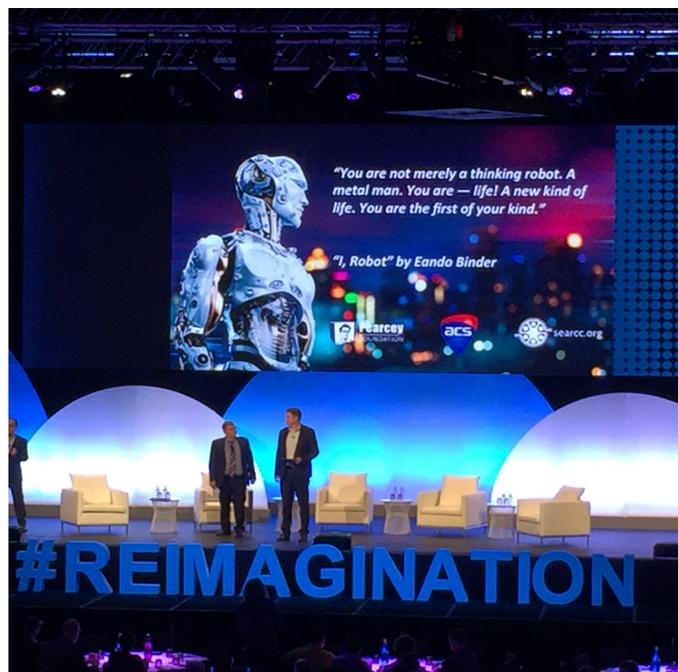


The screenshot shows a registration page for the ACS Cyber Security Forum. At the top left is the ACS logo. The main heading reads "Sessions for ACS Cyber Security Forum- Global approaches to building resilience, the cyber security ecosystem and staying on top of old and new threats". On the right, it says "Online Registration Closed". Below this is a navigation menu with icons for "Sessions", "Registration Details", "Venue", and "Pricing Details". The main content area provides the following details: "ACS Cyber Security Forum- Global approaches to building resilience, the cyber security ecosystem and staying on top of old and new threats", "Date: Wednesday 30th November 2016", "Time: Registration 1.00pm for 1.30pm start to 4.30pm", and "Venue: Stateroom - Level 2, Hilton Hotel Sydney, 488 George Street, Sydney NSW 2000". At the bottom left, there is a "CP Hours" button with the number "3".

More info :

<http://www.ict-21.ch/l4d/pg/file/read/893612/sessions-for-ac-s-cyber-security-forum-global-approaches-to-building-resilience-the-cybersecurity-ecosystem-and-staying-on-top-of-the-old-and-new-threats>

**# REIMAGINATION'2016 - Australian Computer Society (ACS) - 1st of December 2016**



More info :

<http://www.ict-21.ch/l4d/pg/file/read/893619/-reimagination2016-australian-computer-society-acs-1st-of-december-2016>

## UTS researchers visualising their data - UTS Data Arena at Sydney

UTS

FUTURE STUDENTS CURRENT STUDENTS RESEARCH AND TEACHING PARTNERS AND COMMUNITY

Overview Initiatives Working with UTS Venues and facilities Conferences and seminars

UTS > Partners and community > Initiatives > Data Arena > Overview

# UTS: DATA ARENA

Overview

How can it help your business

Technical capabilities

Get in touch

## Overview

The UTS Data Arena is a 360-degree interactive data visualisation facility set to change the way we view and interact with data.

Viewers stand in the middle of a large cylindrical screen, four metres high and ten metres in diameter. A high performance computer graphics system drives six 3D-stereo video projectors, edge-blended to create a seamless three-dimensional panorama.

ON THIS PAGE

News articles

UTS researchers visualising their data

More info :

<http://www.ict-21.ch/l4d/pg/file/read/893526/uts-researchers-visualising-their-data-uts-data-arena-at-sydney>

## From the IFIP GA (General Assembly) in San Jose

Note to members of the IFIP General Assembly  
San Jose (Costa Rica) - 16th and 17th of September 2016  
and members of the IFIP MSA on the 15th of September

Proposal for the development through IFIP of a draft entitled:

**Human Digital Rights and Responsibilities**

More info :

<http://www.ict-21.ch/l4d/pg/file/read/892066/ifip-general-assembly--swiss-national-report-october-2015-september-2016-representative-raymond-morel-swiss-reps-at-ifip-ga-and-member-of-ilc-and-msa>

# IFIP Insights on 28th of November 2016



The screenshot shows the IFIP Insights website interface. At the top, there is a navigation bar with categories: HEADLINES, PHOTOS, VIDEOS, SOCIETY, CRIME, TECHNOLOGY, WORLD, ENVIRONMENT, SCIENCE, and ALL ARTICLES. The main content area features several news items:

- Global ICT Profession Gathers in Australia - IFIP News**: A large article with a dark background and white text, mentioning key leaders from across the world's ICT profession gathering in Sydney.
- IFIP IP3 President Visits South Africa - IFIP News**: A news item about IFIP IP3 Chair, Brenda Aynsley, visiting South Africa.
- ACM Celebrates 50 Years of the Turing Award - IFIP News**: A news item about the ACM celebrating 50 years of the Turing Award.
- ITU Telecom World 2016 Concluded in Bangkok - PhoneWorld**: A news item about the conclusion of ITU Telecom World 2016 in Bangkok.
- Bangkok 14-17 November**: A news item about the event in Bangkok.
- Cognitive Hack: The New Battleground in Cybersecurity**: A news item about cognitive hacking in cybersecurity.

On the right side, there is a "Subscribe to the Email Newsletter" form with an input field for an email address and a "Subscribe" button. Below the form is the IFIP logo and a brief description of the organization.

More info :

<http://www.ict-21.ch/l4d/pg/file/read/893463/ifip-insights-on-28th-of-november-2016>

# IFIP Insights on 22nd of December 2016



The screenshot shows the IFIP Insights website interface. At the top, there is a navigation bar with categories: HEADLINES, PHOTOS, VIDEOS, SCIENCE, ENVIRONMENT, BUSINESS, EDUCATION, STORIES, TECHNOLOGY, and ALL ARTICLES. The main content area features several news items:

- IFIP Presents Eight Silver Core Awards - IFIP News**: A large article with a dark background and white text, mentioning the presentation of prestigious Silver Core Awards to eight members.
- ICT Manager Wins Australia's Young Professional of the Year Award - IFIP News**: A news item about a South Australian ICT manager winning the award.
- CSL to Host SEARCC Conference 2017 - IFIP News**: A news item about the CSL hosting the 2017 SEARCC Regional Conference.
- IFIP IP3 Launches iDOCED Initiative - IFIP News**: A news item about the launch of the iDOCED initiative.
- CEPIS Launches European Network to Boost IT Professionalism - IFIP News**: A news item about the launch of the IT Professionalism Europe (ITPE) network.
- Artificial Intelligence 3.0 - Third wave of AI - IFIP News**: A news item about the third wave of AI.

On the right side, there is a "Subscribe to the Email Newsletter" form with an input field for an email address and a "Subscribe" button. Below the form is the IFIP logo and a brief description of the organization.

More info :

<http://www.ict-21.ch/l4d/pg/file/read/893956/ifip-insights-on-22nd-of-december-2016>



## News

Editor: Eduard Dundler  
[eduard.dundler@ifip.org](mailto:eduard.dundler@ifip.org)

December 2016

<http://www.ifip.org>

Dear friends of IFIP,

It is a great privilege to begin my first full year as President. I realise that I have big shoes to fill - Leon Strous served IFIP with great distinction over two terms, advancing the reputation, prominence and membership of the federation over 6 years.

Since being elected President-Elect back at the General Assembly in Daejeon, I have had the opportunity to meet with many of you, along with the Presidents, Vice Presidents and officers of several of our member societies. It is my intention to continue to do so over the coming weeks and months to get to know many of you better. I will also be meeting with the officers of several non-member societies, who may be in a position to take advantage of our new membership structure and to join IFIP without necessarily being national representative members.

I will also be advancing the case of IFIP with various other bodies, and thanks to the assistance and support of various active volunteers within IFIP have already had productive meetings with ITU and UNESCO - under whose auspices IFIP was founded - which are likely to lead to exciting collaborations in the coming months.

And, as IFIP approaches its 60<sup>th</sup> anniversary, several of our member societies are celebrating various important anniversaries too. It is a great pleasure on behalf of IFIP to congratulate the Australian Computer Society on its recent 50<sup>th</sup> anniversary, and its highly successful celebrations. We look forward to several other milestone events of member societies in the next few years

With best wishes for 2017

Mike Hinchey,  
President



**More info :**

<http://www.ict-21.ch/l4d/pg/file/read/893978/ifip-newsletter-n-4-2016>

# One IFIP event to come in 2017 : WCCE (World Conference on Computers in Education)

## Tomorrow's Learning: Involving Everyone Printworks Conference Hall, Dublin Castle - 3-6 July 2017

From IFIP TC3 WG 3.3

**Working Group 3.3**  
Research into educational applications of information technologies



**2016 Annual Return**  
[for WCCE 2017 Symposia suggestions]  
**1<sup>st</sup> November 16**

This document contains the responses from our annual surveys for 2015 and 2016 with updates where provided. It can be used to see what other members are interested in researching, and also to facilitate international partnerships for current or future projects.

Members are encouraged to browse the document and exchange information with one another.

<http://www.ict-21.ch/com-ict/IMG/pdf/WG3.3-2016-consolidatedc.pdf>

More info :

<http://www.ict-21.ch/l4d/pg/file/read/890898/tomorrows-learning-involving-everyone-printworks-conference-hall-dublin-castle-36-july-2017>

## From the Swiss Parliament and from the Federal Council

## Sommes-nous armés pour répondre aux exigences du monde du travail 4.0 ?

17.11.2016



 Die Bundesversammlung — Das Schweizer Parlament

**16.3594** INTERPELLATION

Sind wir fit für die Arbeitswelt 4.0?

Eingereicht von: CVP-FRAKTION

Sprecher/in: MÜLLER-ALTERMATT STEFAN

Eingereichtedatum: 22.09.2016

Eingereicht im: Nationalrat

Stand der Beratungen: Im Rat noch nicht behandelt

EINGEREICHTER TEXT

Die vierte digitale Revolution, die "Industrie 4.0", spielt für die künftige Entwicklung der Schweizer Wirtschaft eine wichtige Rolle. Sie bietet dem Wirtschaftsstandort Schweiz die Chance, sich trotz hohen Lohnniveaus und trotz starkem Franken wettbewerbsfähig zu halten. Die Umstellung des schweizerischen Arbeitsmarktes benötigt entsprechend qualifizierte Arbeitskräfte, um die neuen Industriewerkzeuge betreiben zu können. Diese Umstellung ist in vollem Gange. Sie ist aber auch verbunden mit der Sorge, dass eine immer grössere Anzahl von Arbeitsplätzen für nicht ausreichend qualifizierte Mitarbeiter verloren geht. Gerade ältere Arbeitnehmende mit tiefem Qualifikationsniveau dürften davon betroffen sein. Ich bitte den Bundesrat vor diesem Hintergrund um die Beantwortung der folgenden Fragen:

1. Sind Kinder und Jugendlichen mit den heutigen Lehrgängen auf die neuen Erwartungen des Arbeitsmarktes im Bereich Digitalisierung genügend vorbereitet?
2. Ist die Berufsbildung an die neuen Anforderungen genügend angepasst?
3. Was sieht es auf Ebene der Bachelor- und Master-Abschlüsse aus?
4. Braucht es zusätzliche Studiengänge im Bereich Daten, Big Data, Cyber, etc.?
5. Bestehen genügend Angebote im Bereich Weiterbildung, vor allem für (ältere) Arbeitnehmende mit einem tieferen Qualifikationsniveau?
6. Welche Lösungen sieht man für ungenügend qualifizierte Arbeitnehmende vor?

More info :

<http://www.ict-21.ch/l4d/pg/file/read/890898/tomorrows-learning-involving-everyone-printworks-conference-hall-dublin-castle-36-july-2017>

## From the Swiss Government on National Digital Strategy

### Stratégie "Suisse numérique" - Avril 2016

Le Conseil fédéral > DETEC > OFCOM

Page d'accueil Contact Plan du site DE FR IT EN

Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

Office fédéral de la communication  
OFCOM

Q

Glossaire

Suisse numérique et internet

Télécommunication

Médias électroniques

Poste et aide à la presse

Fréquences et antennes

Appareils et installations

L'OFCOM

Page d'accueil > Suisse numérique et internet > Stratégie Suisse numérique

< Suisse numérique et internet

## Stratégie Suisse numérique

Contact

Direction opérationnelle  
Société de l'information (GIG)

Route de l'Avenir 44  
2501 Biel / Bienne

+41 (0)58 460 55 05

[www.infosociety.ch](http://www.infosociety.ch)

Imprimer contact

Stratégie Suisse numérique

Stratégie

Plan d'action

Groupe de coordination

Dialogue Suisse numérique

Tendances et évolution

La numérisation façonne toujours plus notre vie quotidienne. La Suisse dispose de nombreux atouts tant au niveau des infrastructures de télécommunication que de l'utilisation des technologies de l'information et de la communication (TIC).

Elle a la chance de bénéficier de la numérisation croissante dans tous les domaines de la vie et d'assurer, voire de développer sa prospérité à long terme. Le processus de transformation engendré par les TIC concerne la société, l'économie, mais aussi l'Etat. Dans ce contexte, la Stratégie "Suisse numérique" fixe les lignes directrices régissant l'action de l'Etat et indique comment et dans quels domaines les autorités, l'économie, les milieux scientifiques, la société civile et les acteurs politiques doivent collaborer afin que la Suisse puisse tirer pleinement profit de ce processus de transformation.

**Stratégie**

La stratégie vise en priorité à saisir les opportunités de la numérisation afin de positionner la Suisse comme un espace de vie attractif et un pôle économique et scientifique innovant tourné vers l'avenir.

**Plan d'action**

Le plan d'action fait partie intégrante de la Stratégie "Suisse numérique". Il comprend les mesures que l'administration fédérale met en oeuvre comme apport concret à la mise en oeuvre de la stratégie.

More info :

<http://www.ict-21.ch/l4d/pg/file/read/893755/strategie-suisse-numerique-avril-2016>

# From IGF-CH

## IGF-CH in Bern on the 16th of December 2016



Eigenständiges Departement für  
Umwelt, Verkehr, Energie und Kommunikation UVEK  
Bundesamt für Kommunikation BAKOM  
International Relations

### Plateforme Tripartite für den WSIS-Follow-Up

Sitzung vom 16. Dezember 2016, 14.00 – ca. 15.45 Uhr.  
Polit-Forum Käfigturm ([www.kaefigturm.ch](http://www.kaefigturm.ch)), 2. Stock, Marktgasse 87 in Bern

#### provisorische Traktandenliste

1. Begrüssung und Annahme der Traktandenliste
2. Internet Governance Forum 2017 in Genf
3. Swiss-Internet Governance Forum 2017
4. Nationaler Dialog sowie nationale Konferenz im Rahmen der Strategie Digitale Schweiz
5. Weitere Initiativen im Bereich Internet und dessen Gouvernanz
  - ICANN: Das Ende der US-Aufsicht über IANA und neue Top Level Domains
  - Future of the Internet Initiative des World Economic Forum (WEF)
  - das Europäische IGF (EuroDIG): aktuelle Themen aus der Europäischen Debatte
  - Geneva Internet Platform (GIP): Rückblick 2016 und Ausblick 2017
6. Varia
7. Mitteilungen

More info :

<http://www.ict-21.ch/l4d/pg/file/read/894311/igfch-in-bern-on-the-16th-of-december-2016>

## An annual event to come next in Switzerland

## La Conférence TechnoArk revient le 27 janvier 2017 à Sierre pour une 12ème édition sur le thème : - Blockchain, au-delà du bitcoin -

The screenshot shows the website for TechnoArk Sierre. At the top, there is a navigation bar with logos for technoark, ideark, bioark, phytoark, and blueark, along with language options (FR, DE, EN) and a search bar. Below the navigation bar is the TechnoArk Sierre logo and a menu with links for PRÉSENTATION, PRESTATIONS, SERVICES, PROJETS, ENTREPRISES, and CONTACT.

The main content area features a large banner for the event: "27.01.2017 CONFÉRENCE TECHNOARK 2017". The banner includes the text "BLOCKCHAIN, AU-DELÀ DU BITCOIN" and a Bitcoin logo. Below the banner, there is a section titled "PROGRAMME / EDITIONS / CONTACT" with the following details:  
La Blockchain pour la 12ème édition de la Conférence TechnoArk.  
Date : vendredi 27 janvier 2017  
Heure : 09:00 - 15:45  
Lieu : Techno-Pôle à Sierre - Google map

To the right of the banner is a section titled "ACTUALITÉS" (News). It contains two news items:  
1. 15.12.2016: "Des cadeaux technologiques 100% valaisans dans la hotte du Père Noël !" with a photo of a child with a gift bag. The text below says: "Les feuilles sont tombées, il fait de plus en plus froid et les jours ne cessent de se raccourcir...".  
2. 29.08.2016: "Adventures Lab : premier tapis de jeu commercialisé avant la fin 2016" with a photo of a child playing a board game. The text below says: "Plus de 160 enfants ont déjà eu la chance de tester le tapis de jeu développé...".

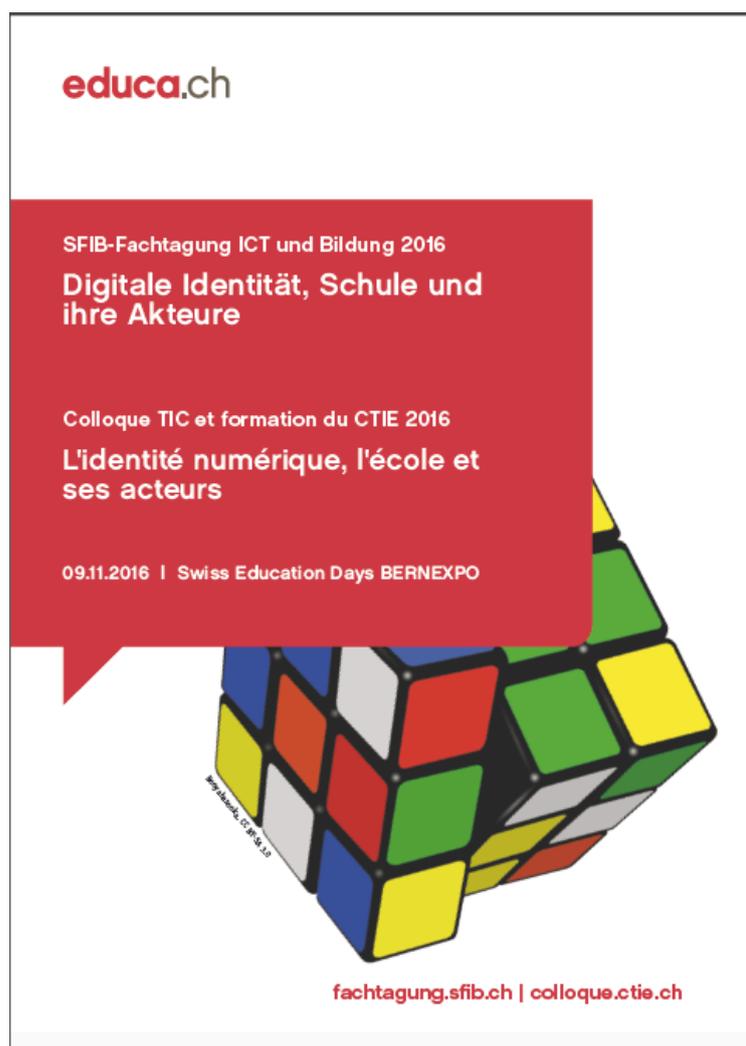
At the bottom of the page, there is a footer with the text: "La Conférence TechnoArk revient le 27 janvier 2017 à Sierre pour une 12ème édition sur le thème".

More info :

<http://www.ict-21.ch/l4d/pg/file/read/894243/la-conference-technoark-revient-le-27-janvier-2017-sierre-pour-une-12me-dition-sur-le-thme--blockchain-audel-du-bitcoin->

**Après le Colloque CTIE 2016 du 9 novembre 2016**

**Après le colloque CTIE du 9 novembre 2016 09.00–12.30, BERNEXPO, Berne**



More info :

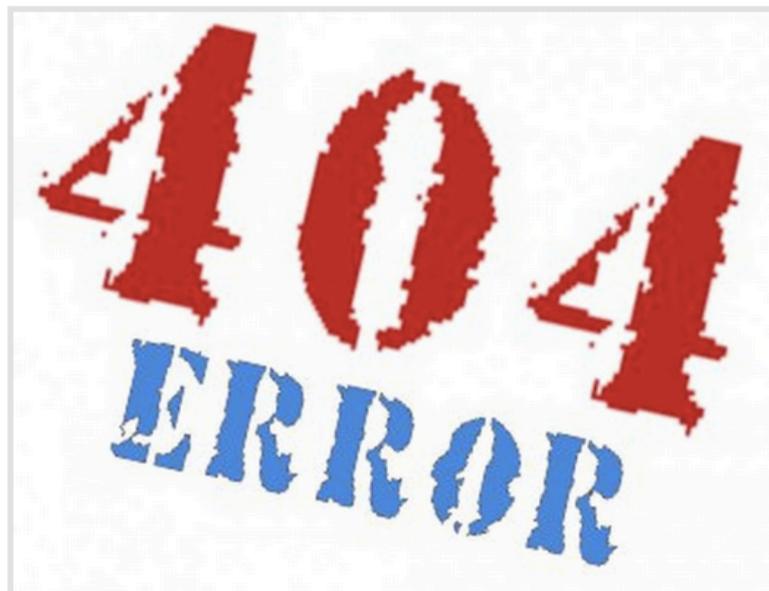
<http://www.ict-21.ch/l4d/pg/file/read/894051/aprs-le-colloque-ctie-du-9-novembre-2016-09001230-bernexpo-berne>

<http://www.ict-21.ch/l4d/pg/file/read/893322/sfibfachtagung-ict-und-bildung-2016-digitale-identitt-schule-und-ihre-akteure-colloque-tic-et-formation-du-ctie-2016-lidentit-numrique-lcole-et-ses-acteurs-09112016-swiss-education-days-bernexpo>

# Causeries du jeudi lors des derniers mois de 2016 - L'Observatoire technologique au Geneva Lab

On a causé de cloud et de libertés...

de Patrick Genoud | 20-10-2016



Les mastodontes de l'Internet (Google, Apple, Facebook, Amazon, Microsoft et les autres) connaissent actuellement à peu près tout ce qui concerne notre vie privée en ligne. Les gouvernements nous espionnent massivement, tandis que les applications dans le *cloud* deviennent les solutions par défaut pour les personnes comme pour les entreprises. L'essor de l'intelligence artificielle, de l'Internet des objets ou du Big Data remettent toujours plus en question notre espace de liberté.

Cette évolution qui semble inéluctable nous amène-t-elle vers une dictature numérique ? Ou peut-on imaginer une alternative plus libre et plus responsable ?

En compagnie de Pascal Kotte, la Causerie du jeudi 22 septembre à la **Muse Bouge** a discuté de ces tendances et envisagé avec lui quelques pistes pour protéger nos libertés à l'ère du numérique.

**More info :**

<http://www.ict-21.ch/l4d/pg/file/read/894256/causeries-du-jeudi-lors-des-derniers-mois-de-2016-lobservatoire-technologique-au-geneva-lab>

From WSIS (World Summit of the Information Society)

## World Summit on the Information Society (WSIS) Towards WSIS Forum 2017 (12th to 16th of June)



More info :

<http://www.ict-21.ch/l4d/pg/file/read/894300/world-summit-on-the-information-society-wsis-towards-wsis-forum-2017-12th-to-16th-of-june>

From KDMK (Kidimake)

## KDMK : Kidimake N° 19 - Les machines à dessiner (Après la séance de novembre 2016)

https://www.facebook.com/kidimake

Kidimake

Accueil 20+

Nous contacter

Rechercher publications sur la Page

Inviter des amis à aimer cette Page

For a creative thinker kid and adult

121 J'aime  
Ino Simitsek et Pascal Kotté aiment ça

À propos Voir tout

Envoyer un message maintenant

www.kidimake.com/

PUBLICATIONS DES VISITEURS

Raymond Morel  
Aujourd'hui, à 17:14  
Toujours aussi enthousiasmant... Bravo  
J'aime · Commenter

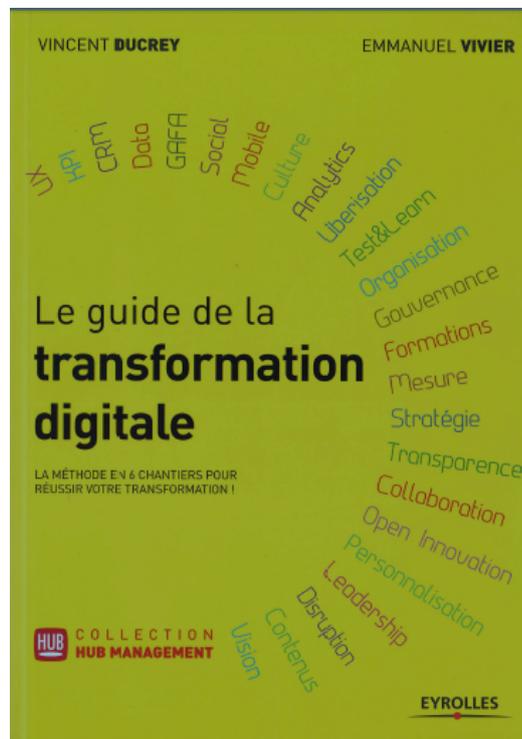
Pascal Kotté  
29 février, 09:38  
Prochains RdV 2016 en Mars

More info :

<http://www.ict-21.ch/l4d/pg/file/read/893655/kdmk-kidimake-n-19-les-machines-dessiner-aprs-la-sance-de-novembre-2016>

From books

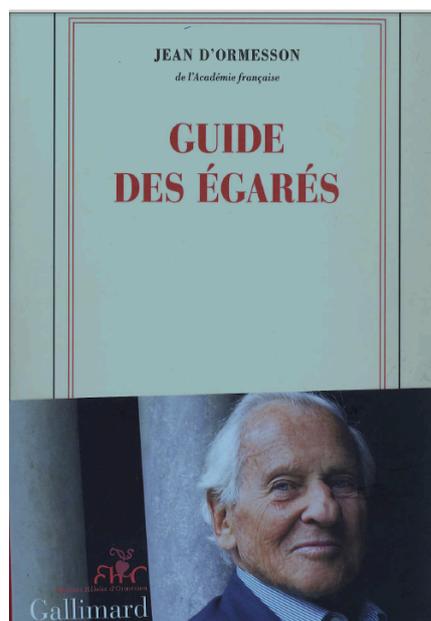
**Le guide de la transformation digitale - La méthode en 6 chantiers pour réussir votre transformation ! de Vincent Ducrey et Emmanuel Vivier**



More info :

<http://www.ict-21.ch/l4d/pg/file/read/893813/le-guide-de-la-transformation-digitale-la-mthode-en-6-chantiers-pour-russir-votre-transformation-de-vincent-ducrey-et-emmanuel-vivier>

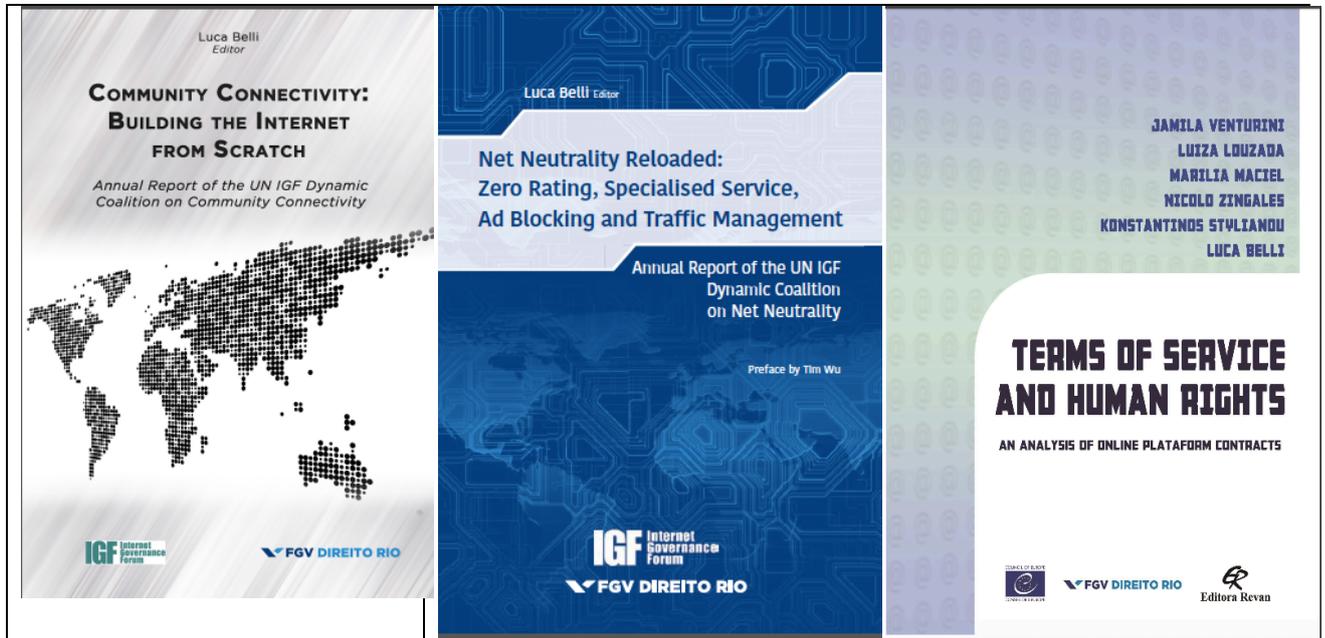
## Guide des égarés - Jean d'Ormesson 2016



More info :

<http://www.ict-21.ch/l4d/pg/file/read/893790/guide-des-gars-jean-dormesson-2016>

**UN Internet Governance Forum (IGF) is starting tomorrow (5.12.2016) and CTS/FGV will be promoting 3 books -Terms of Service and Human Rights - Net Neutrality Reloaded. Zero Rating, Specialised Services, Ad Bloking and Traffic Management - Community Connectivity. Building the Internet from Scratch**



More info :

<http://www.ict-21.ch/l4d/pg/file/read/894114/un-internet-governance-forum-igf-is-starting-tomorrow-5122016-and-ctsfgv-will-be-promoting-3-books-terms-of-service-and-human-rights-net-neutrality-reloaded-zero-rating-specialised-services-ad-bloking-and-traffic-management-community-connectivity-building-the-internet-from-scratch>

**ZERO - ils savent ce que vous faites - Marc Elsberg (avril 2016)**



More info :

<http://www.ict-21.ch/l4d/pg/file/read/894187/zero-ils-savent-ce-que-vous-faites-marc-elsberg-avril-2016>

## Références

### The upside of disruption - Megatrends shaping 2016



More info :

<http://www.ict-21.ch/l4d/pg/file/read/893722/the-upside-of-disruption-megatrends-shaping-2016>

### Comment une terre devient créative - Arlette et André-Yves Portnoff dans Futuribles N° 414 septembre-octobre 2016

Concluons avec Manuzio à l'urgence de faire assimiler encore beaucoup plus de « bons livres pour barrer la route à toutes les barbaries ». La bataille des visions et des valeurs commence dès l'école : subirons-nous encore l'enseignement d'une pensée cartésienne qui morcèle et empêche de percevoir les réalités, ou diffuserons-nous enfin une pensée de la complexité clarifiant les interdépendances, incitant donc à la solidarité avec les autres et l'environnement ?

La compréhension de la complexité fait admettre l'imperfection de nos actes, modestie indispensable au progrès technique. Nos écoles, notamment celles de nos dirigeants, resteront-elles des formatages au mépris des autres ou des stimulations à la coopération et à l'ouverture ? Sélectionnerons-nous, même les médecins, par les mathématiques ou selon l'empathie, les qualités humaines ? Aurons-nous, comme dans la Venise du XV<sup>e</sup> siècle, des dirigeants cultivés et ouverts à la modernité, ou subirons-nous des politiques évoquant le « mulot » des ordinateurs, se gaussant de la Princesse de Clèves, enclins à sacrifier la culture classique ? Cela dépend de nous. ■

More info :

<http://www.ict-21.ch/l4d/pg/file/read/894008/comment-une-terre-devient-creative-arlette-et-andryves-portnoff-dans-futuribles-n-414-septembreoctobre-2016>

**La “disruption”, ou quand la technologie va beaucoup trop vite pour les humains Le philosophe Bernard Stiegler montre comment l'accélération technique menace de tout détruire. Entretien.**

## **La “disruption”, où quand la technologie va beaucoup trop vite pour les humains**

Paru dans "L'Obs" du 30 juin 2016. [Ars Industrialis](#)

Le philosophe Bernard Stiegler montre comment l'accélération technique menace de tout détruire. Entretien.

**L'OBS.** *Le mot «disruption» est apparu récemment dans le langage courant. Comment s'est-il mis à vous intéresser et quelle définition lui donnez-vous ?*

**Bernard Stiegler.** Avant de faire florès dans la Silicon Valley, le terme vient du marketing. Je l'ai d'abord rencontré en 1997, dans un livre intitulé «Disruption» où le publicitaire français Jean-Marie Dru y développait l'idée que désormais, il faut saisir tous ses concurrents par la vitesse et les tétaniser pour les anéantir. Du marketing, ce discours martial est passé depuis à l'économie numérique. Et il résonne avec le travail que je mène depuis longtemps sur les effets du web.

More info :

<http://www.ict-21.ch/l4d/pg/file/read/894196/la-disruption-ou-quand-la-technologie-va-beaucoup-trop-vite-pour-les-humains-le-philosophe-bernard-stiegler-montre-comment-laccclration-technique-menace-de-tout-dtruire-entretien>

# How China Is Changing Your Internet - The New York Times (août 2016)



How China Is Changing Your Internet | The New York Times

More info :

<http://www.ict-21.ch/l4d/pg/file/read/893668/how-china-is-changing-your-internet---the-new-york-times-aot-2016>

**Google, IBM, Facebook and Microsoft have teamed up to create a non-profit organisation dedicated to address the concerns raised among politicians, regulators and society, concerning the impact of artificial intelligence on jobs, law enforcement and healthcare.**

Have any questions? [info@futurum-media.com](mailto:info@futurum-media.com) [f](#) [t](#) [in](#) [r](#)

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**ft**

*Google, IBM, Facebook and Microsoft have teamed up to create a non-profit organisation dedicated to address the concerns raised among politicians, regulators and society, concerning the impact of artificial intelligence on jobs, law enforcement and healthcare.*

The Financial Times writes that the purpose of the organisation is to establish how artificial intelligence and machines can be used in a beneficial manner, while controlling its potential risks. The project is titled the Partnership on Artificial Intelligence to Benefit People and Society, promising to implement research addressing anything from ethical issues to how to make the technology more understandable for the public.

Addressing a concern raised by many regarding the fear of our lives being controlled by robots, the FT enhances the positive impact of implementing AI, such as more precise health diagnostics and predictive regulating. However, it does not eliminate the concern that large parts of human labour will eventually become replaced by artificial intelligence, hence the urgency to respond to the concerns raised by the public.

The potential issue is the worry that the entity most equipped to regulate the direction of development is also an industry player. **We use cookies. By browsing our site you agree to our use of cookies.** [Accept](#)

More info :

<http://www.ict-21.ch/l4d/pg/file/read/893993/google-ibm-facebook-and-microsoft-have-teamed-up-to-create-a-nonprofit-organisation-dedicated-to-address-the-concerns-raised-among-politicians-regulators-and-society-concerning-the-impact-of-artificial-intelligence-on-jobs-law-enforcement-and-healthcare>

## Les «indigents médiatiques», menace pour la démocratie | L'Hebdo Médias, images et TIC pour l'éducation • Blog Curated by Jean-Claude Domenjoz dans l'Hebdo

### Les «indigents médiatiques», menace pour la démocratie | L'Hebdo

Scoop.it!



From [www.hebdo.ch](http://www.hebdo.ch) - December 8, 8:09 AM

Un tiers des Suisses sont des «indigents médiatiques» révèle une étude. Plutôt jeunes, pas très bien formées, ces personnes consacrent peu de temps à s'informer, fréquentent volontiers les réseaux sociaux et sont davantage susceptibles d'être manipulées que d'autres groupes de la population. Ces comportements constituent une menace pour la démocratie. Il est temps de donner l'opportunité à chaque jeune de bénéficier d'un enseignement d'éducation aux médias tout au long de leur scolarité.

Jean-Claude Domenjoz's insight:  
Face aux enjeux que représente les «indigents médiatiques» pour notre démocratie, il n'est plus temps de tergiverser, il faut agir! Maintenant.

More info :

<http://www.ict-21.ch/l4d/pg/file/read/893982/les-indigents-mdiatiques-menace-pour-la-dmocratie-lhebdo-mdias-images-et-tic-pour-lducation-blog-curated-by-jeanclaude-domenjoz-dans-lhebdo>

**Le développement au risque de l'information NUMÉRO  
COORDONNÉ PAR Etienne Damome et Annie Lenoble-Bart  
- COMMUNICATION, TECHNOLOGIE ET  
DÉVELOPPEMENT N°3 | OCTOBRE 2016 ISSN : 2491-  
1437**

**COMMUNICATION, TECHNOLOGIE  
ET DÉVELOPPEMENT**

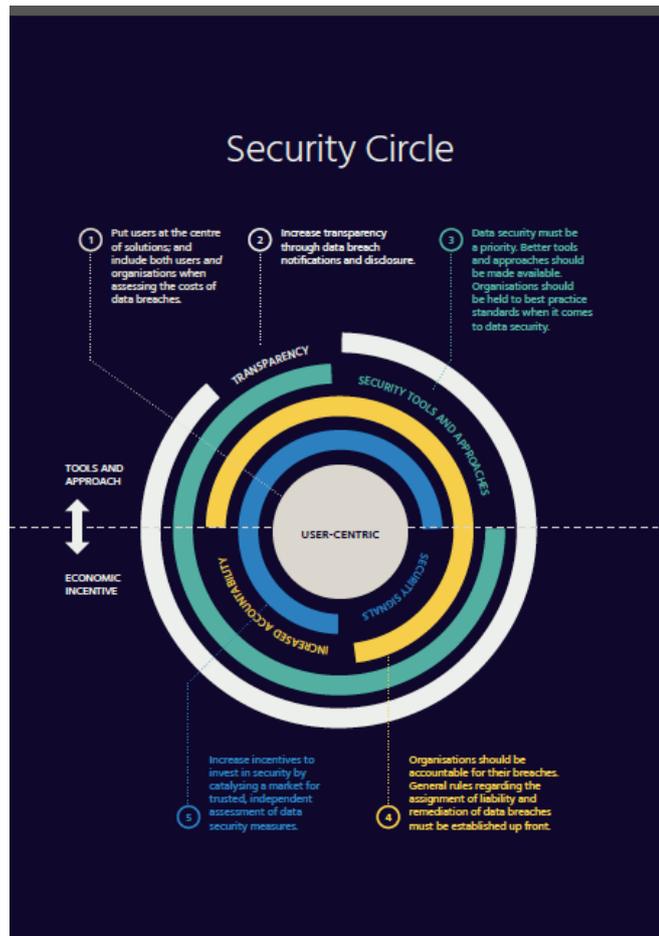
**N°3 | OCTOBRE 2016  
ISSN : 2491-1437**

# Le développement au risque de l'information

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<http://www.ict-21.ch/l4d/pg/file/read/893504/global-internet-report-2016-by-the-internet-society>

**La transformation, rien à battre ? - in Influencia N° 19  
octobre-décembre 2016**



More info :

<http://www.ict-21.ch/l4d/pg/file/read/893393/la-transformation-rien-battre--in-influenca-n-19-octobredcembre-2016>

**Le secteur secondaire va devoir faire face aux changements induits par la digitalisation et le vieillissement de la population. Siegfried Gerlach, directeur de Siemens Suisse, veut relever ces défis.**



Siegfried Gerlach: «Nous voulons attirer les jeunes femmes en les intéressant aux métiers de l'industrie.»

More info :

<http://www.ict-21.ch/l4d/pg/file/read/893374/le-secteur-secondaire-va-devoir-faire-face-aux-changements-induits-par-la-digitalisation-et-le-vieillissement-de-la-population-siegfried-gerlach-directeur-de-siemens-suisse-veut-relever-ces-dfis>

# The Karlskrona manifesto for sustainability design

## The Karlskrona manifesto for sustainability design

### Introduction

Version 1.0, May 2015

As software practitioners and researchers, we are part of the group of people who design the software systems that run our world. Our work has made us increasingly aware of the impact of these systems and the responsibility that comes with our role, at a time when information and communication technologies are shaping the future. We struggle to reconcile our concern for planet Earth and its societies with the work that we do. Through this work we have come to understand that we need to redefine the narrative on sustainability and the role it plays in our profession.

What is sustainability, really? We often define it too narrowly. Sustainability is at its heart a systemic concept and has to be understood on a set of dimensions, including social, individual, environmental, economic, and technical<sup>1</sup>.

Sustainability is fundamental to our society. The current state of our world is unsustainable in more ways that we often recognize. Technology is part of the dilemma and part of possible responses. We often talk about the immediate impact of technology, but rarely acknowledge its indirect and systemic effects. These effects play out across all dimensions of sustainability over the short, medium and long term.

Software in particular plays a central role in sustainability. It can push us towards growing consumption of resources, growing inequality in society, and lack of individual self-worth. But it can also create communities and enable thriving of individual freedom, democratic processes, and resource conservation. As designers of software technology,

There is a perception that sustainability is a distinct discipline of research and practice with a few defined connections to software. Whereas sustainability is a pervasive concern that translates into discipline-specific questions in each area it applies.

There is a perception that sustainability is a problem that can be solved, and that our aim is to find the "one thing" that will save the world. Whereas it is a "wicked problem" - a dilemma to respond to intelligently and learn in the process of doing so, a challenge to be addressed, not a problem to be solved.

There is a perception that there is a tradeoff to be made between present needs and future needs, reinforced by a common definition of sustainable development, and hence that sustainability requires sacrifices in the present for the sake of future generations. Whereas it is possible to prosper on this planet while simultaneously improving the prospects for prosperity of future generations.

There is a tendency to focus on the immediate impacts of any new technology, in terms of its functionality and how it is used.

Whereas the following orders of effects have to be distinguished: *Direct, first order effects* are the immediate opportunities and effects created by the physical existence of software technology and the processes involved in its design and production. *Indirect, second order effects* are the opportunities and effects arising from the application and usage of software. *Systemic, third order effects*, finally, are the effects and opportunities that are caused by wide-scale use of software systems over time.

There is a tendency to overly discount the future. The far future is discounted so much that it is considered for free (or worthless). Discount rates mean that long-term impacts matter far less than current costs and benefits. Whereas the consequences of our actions play out over multiple timescales, and the cumulative impacts may be irreversible.

There is a tendency to think that taking small steps towards sustainability is sufficient, appropriate, and acceptable. Whereas incremental approaches can end up reinforcing existing behaviours and lure us into a false sense of security. However, current society is so far from sustainability that deeper transformative changes are needed.

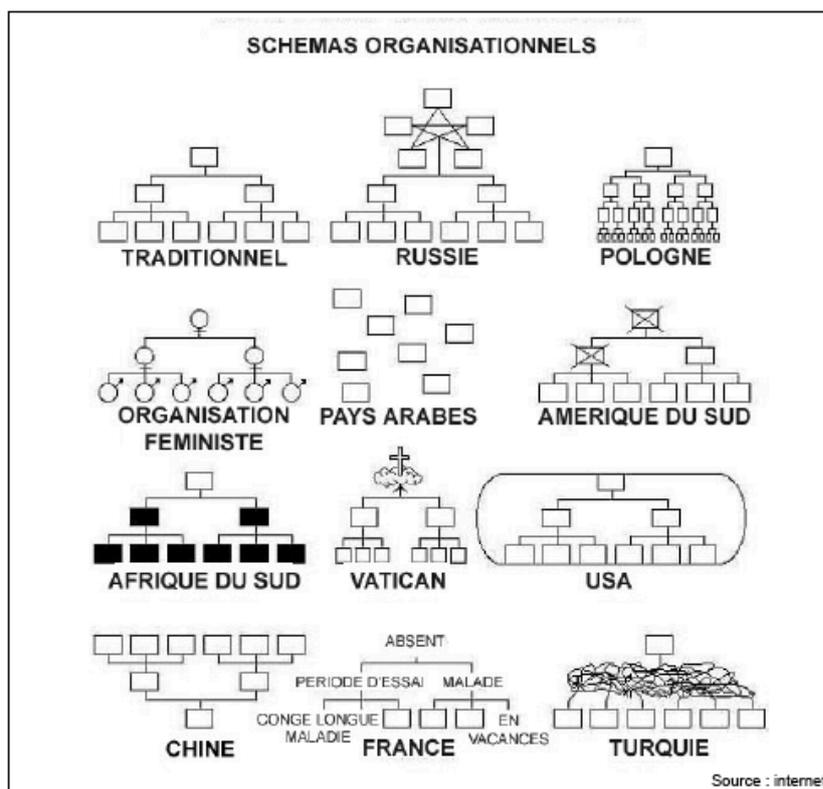
There is a tendency to treat sustainability as a desirable quality of the

v:1410.6968v4 [cs.SE] 10 May 2015

More info :

<http://www.ict-21.ch/l4d/pg/file/read/893456/the-karlskrona-manifesto-for-sustainability-design>

Intelligence Collective, la révolution invisible Jean-François Noubel 2004 new edition



More info :

<http://www.ict-21.ch/l4d/pg/file/read/560466/intelligence-collective-la-rvolution-invisible-jeanfrancois-noubel-2004-new-edition>

## Equipe Blockchain dans Pearltrees

A gentle introduction to blockchain technology | Bits on blocks

bitsonblocks.net May 2016 ★ 3 adds comment | +) < >



This article is a gentle introduction to blockchain technology and assumes minimal technical knowledge. It attempts to describe *what it is* rather than *why should I care*, which is something for a future post.

Shorter companion pieces to this are:

### PART 1 – EXECUTIVE SUMMARY

People use the term 'blockchain technology' to mean different things, and it can be confusing. Sometimes they are talking about The Bitcoin Blockchain, sometimes it's other virtual currencies or digital tokens, sometimes it's smart contracts. Most of the time though, they are talking about distributed ledgers, i.e. a list of transactions that is

More info :

<http://www.ict-21.ch/l4d/pg/file/read/894209/equipe-blockchain-dans-pearltrees>

## Bifurcation de la blockchain ? Phénoménologie de la disruption ? ou le paradoxe de l'entendement qui réclame la raison.

### **Bifurcation de la blockchain ? Phénoménologie de la disruption ? ou le paradoxe de l'entendement qui réclame la raison.**

Publié le 4 Juillet, 2016 - 00:35 [Ars Industrialis](#)

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1- RÉSUMONS LES FAITS [lien](#)

2- LA CONJONCTURE ET LES ÉTATS [LIEN](#)

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4- LE PARADOXE DE L'ENTENDEMENT [LIEN](#)

CONCLUSION [lien](#)

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More info :

<http://www.ict-21.ch/14d/pg/file/read/894218/bifurcation-de-la-blockchain-phnomnologie-de-la-disruption-ou-le-paradoxe-de-lentendement-qui-rclame-la-raison>

**Dans MM - Partage des données où s'arrêtera-t-on ? et l'apprentissage automatique provoquera une révolution aussi profonde que l'a été internet**



More info :

<http://www.ict-21.ch/14d/pg/file/read/894281/dans-mm-partage-des-donnees-ou-s-arreterat-on-et-l-apprentissage-automatique-provoquera-une-revolution-aussi-profonde-que-la-t-internet>

**From the recent past : this century**

**Scenarios for the Future of Schooling - OECD 2001**

Chapter 3

## Scenarios for the Future of Schooling

### Introduction

The chapter presents six scenarios constructed through the OECD/CERI programme on "Schooling for Tomorrow". Their purpose is to sharpen understanding of how schooling might develop in the years to come and the potential role of policy to help shape these futures. While this does not exhaust approaches to forward-looking policy thinking, scenario development is a particularly effective way of bringing together the "big picture" of strategic aims, the long-term

*Need for policy reflection on long-term future of schooling...*

More info :

<http://www.ict-21.ch/l4d/pg/file/read/486256/scenarios-for-the-future-of-schooling-oecd-2001>

**From the « old » past : previous century**

**Formations en informatique pour les enseignants dans l'enseignement secondaire - Genève - Avri 1987-**



More info :

<http://www.ict-21.ch/l4d/pg/file/read/893586/formations-en-informatique-pour-les-enseignants-dans-lenseignement-secondaire-genve-avri-1987>

**SOME BITS**

**SB-98 Are You Ready To Take The Pledge?**



**More info :**

[SB-98 Are You Ready To Take The Pledge?](#)

**SB-99 Digitaliser c'est automatiser et simplifier - Que voilà une déclaration stupide et à courte vue !**



**More info :**

<http://www.ict-21.ch/l4d/pg/file/read/893557/sb99-digitaliser-cest-automatiser-et-simplifier-que-voil-une-dclaration-stupide-et-courte-vue->

**SB-100 Des nouvelles de France : EpiNet Revue électronique de l'EPI n° 190 de décembre 2016**

[epi\_mag]#190, 12-16,  
15 dec 2016  
ISSN : 2429-3067

## **EpiNet**

*Revue électronique de l'EPI  
n° 190 de décembre 2016*

*Bonjour,*

*Les nouveautés sur le site de l'EPI : <http://www.epi.asso.fr>*

- Adhérer ou réadhérer à l'EPI pour l'année civile **2017** :  
4 formules sont proposées dont deux gratuites.  
Merci de prendre quelques instants pour nous répondre. Nous avons besoin de vous !
- Éditorial - 1980... 2016 : un long cheminement chaotique.

### **\* Articles**

- Des routes et des ponts (1 et 2). Nadia Eghbal.
- L'Éducation nationale, champ de bataille entre logiciels libres et multinationales de l'informatique. Éva Thiébaud.
- Les licences logiciel, encore et toujours. Laurent Bloch.

### **\* Rapports et documents**

- PIX : une plate-forme en ligne d'évaluation et de certification de compétences numériques. SIF.

### **\* ITIC : enseignement de l'informatique et des TIC**

- Compte rendu de la 28e réunion du groupe ITIC-EPI-SIF.
- Activités « Informatique et Création Numérique ».
- Un cours pour l'ICN : Rouge, Vert, Bleu, de 0 à 255. Comprendre le codage des couleurs. Nathalie Carrié.

**\* News epinet**

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<http://www.ict-21.ch/l4d/pg/file/read/893675/sb100-des-nouvelles-de-france-epinet-revue-electronique-de-lepi-n-190-de-dcembre-2016>

**R.Morel 2 janvier 2017**