

GOODIT ROME SEPTEMBER 10

*RETHINKING
CYBERNETICS
AND A PLAN*

NEGOTIABILITY AS A STRATEGY.

So what if it is not too late?

What would happen if we focus on the cracks within the systems of control, or bypass them and direct all our energies on negotiating with our own coding power and architectural intelligence, not only making it less pernicious, but as a tool for us to use? What if we really start to focus on creating an open – and open source – infrastructure within the whole radio frequency range, from the local near field communication (NFC) to the Global Positioning System (GPS)?

The only way towards a City of Trust is to start locally. We will never know if we do not start with our own houses, friends, streets and villages.

I've got my window open wide.⁷⁶

Tilburg 1988 - Ghent, July 5, 2008

RENÉ THOM, THE MATHEMATICIAN, SAYS THAT “EACH CREATION AND DESTRUCTION OF FORMS, OR MORPHOGENESIS, CAN BE DESCRIBED AS THE DISAPPEARANCE OF THE ATTRACTORS THAT DETERMINED THE FORMS THAT WERE CURRENT, AND THE REPLACEMENT OF THOSE BY CAPTURING OF THE ATTRACTORS THAT REPRESENT THE EVENTUAL FORMS”.

The forms will not disappear before the attractors that give them their shape have lost their glamour. In the shift from competition in verticals to collaboration in ecosystems, we are seeing new business models, new forms of cooperation, money, new forms of social sharing, cultural expression and economic co-opetition.

The attractors building the KPIs, the success factors for the old situation, are fading out.

A new configuration as a system is not yet in place. *We co-create the new attractors that will bring about the new forms.*

ROME, 10 YEARS AGO: BREAKDOWN

I received an invitation to talk about Internet of Things from the GFF 'and the Italian Intelligence community', Transformational Technologies #4: Implications for an Expanding Threat Environment September 17-18, 2012, Rome, Italy.

The proceedings and texts by me and Rick Hutley, then Vice President, Internet of Everything at CISCO who were asked to talk on Internet of Things are documented in a book published by [Strategic Studies Institute and U.S. Army War College Press](#).

In the afternoon five breakout groups (senior intelligence, police and military, SOCA, CIA, MI6, Homeland Security...) came back with five scenarios of major threats: one was military, two were about DIY Bio (interesting now in hindsight of the COVID19 situation, a virus) and two were about the *'total breakdown of society' because of the inability of current institutions to deal with the digital.*"

It was quite crazy to see my own breakdown scenario of a more than a decade ago played back by institutional analysts in my 2005 text *The New Middle Ages*. A plausible scenario: disintegration of Europe's nation states before a European identity is established.

SUPEREMPOWERED INDIVIDUALS

There were two lectures in the morning. One on the spreading of medieval forms of violence in Mexico by a growing number of mafia clans, the other on the history of anarchism.

In my mind, without rejoicing over them, from an anarchist perspective that is logical: no non-intrinsic blockades in any flow – it is realistic to attempt to remove the King if the King embodies the full force of unjust laws and practices. It is what you do if you feel the weight of injustice and unfairness in the way most anarchists do.

The lecture ended in the cultural formation of a new 'person': the *super-empowered individual*.

AS HUMANS ARE EQUAL, GENERIC INFRASTRUCTURES SHOULD SUPPORT ALL OF THEM EQUALLY IN THEIR BASIC (FOOD, SHELTER, CARE, EDUCATION) AND INTELLECTUAL (NO BLOCKADES IN ANY INFORMATION FLOW) NEEDS. HOW SIMPLE CAN IT BE, HOW TRUE THIS IS AND HOW ABSURD WE ARE NOT LIVING THIS REALITY NOW.

- In an upcoming book I will make the case that the current technological and socio-cultural reality could not have emerged nor evolved without tools from anarchist theory and praxis. These tools are currently not recognized.
- Anarchism still has a bad reputation. Anarchism – “a political theory, which is skeptical of the justification of authority and power, especially political power” is equated with chaos, unrest, violence, and terror.
- Yet without it blockchain, decentralization as a technical force favoring the ‘edge’ over the ‘cloud’, cryptocurrencies and p2p platforms, digital twins, and Proof of Work, Decentralization, Satoshi Nakamoto Consensus, Asset Tokenization, Freedom Blocks, Global Public Ledger , the Internet of Things, Industry 4.0 and Self Sovereign Identity could not have been conceived.
(list by Blockchaintiger.rvn – Joshua @blockchaintiger)

一 实行网络游戏账号实名注册制度

为此，《通知》要求严格实名注册，所有网络游戏用户均需使用有效身份信息方可进行游戏账号注册

二 严格控制未成年人使用网络游戏时段时长

规定每日22时到次日8时不得为未成年人提供游戏服务，法定节假日每日不得超过3小时，其他时间每日不得超过1.5小时

三 规范向未成年人提供付费服务

规定网络游戏企业不得为未满8周岁的用户提供游戏付费服务

同一网络游戏企业所提供的游戏付费服务

8周岁以上未满16周岁的未成年人用户

单次充值金额不得超过50元人民币

每月充值金额累计不得超过200元人民币

16周岁以上的未成年人用户

单次充值金额不得超过100元人民币

每月充值金额累计不得超过400元人民币

四 切实加强行业监管

五 探索实施适龄提示制度



WHAT LEVEL OF AGENCY IS THIS?

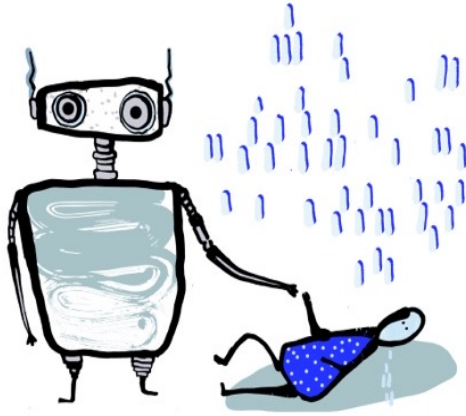
- **Hong Kong/Beijing (CNN Business)**China has barred online gamers under the age of 18 from playing on weekdays and limited their play to just three hours most weekends, marking a significant escalation of [restrictions](#) on the country's [massive gaming industry](#).
- Full integration on infrastructure, spectrum, services, applications, UX.
- How is this achieved?
- Is it sustainable? Can we expect a level of stasis (OCD) because of micro management of behaviour or is this just a beginning?
- Do we want/need a similar integration in EUROPE? What could it look like?

*POLITICAL
AGENCY THUS
REQUIRES
DIGITAL
HEGEMONY.*

*We can envisage the Next Generation Internet as a **coherent set of centralized protocols** that can be operationalized in a fully decentralized way; a new conception of the techno-political landscape tuned to the reality of what is happening in every domain of human activity; to be supported, assisted and guided by secure real time data streams of sensor input, to bring big data, AI and dynamic analytics into the heart of decision making and to eventually reform the EU as a platform of services for all.*

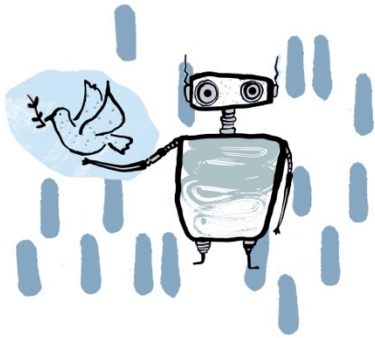
Not nations, not EU, not territory

HUMAN-MACHINE COMPLEMENTARITY- A NEW APPROACH



BENEFICENCE

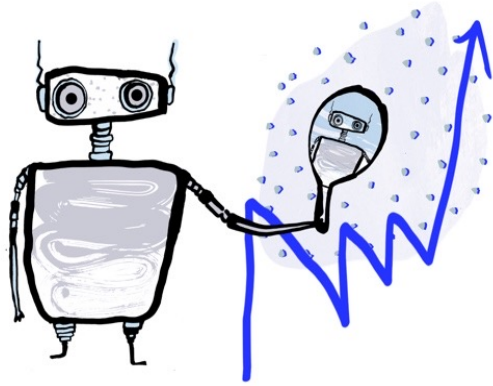
We are beneficent and we create what is beneficent. We are kind to others. We are aware of the ties that bind us all – we exist in solidarity. We contribute to the well-being of the planet and of its inhabitants. We help those in need.



NON-VIOLENCE

We are non-violent and our designs are non-violent. In bringing about political and social change, we use peaceful means rather than force.

HUMAN-MACHINE COMPLEMENTARITY



ACCOUNTABILITY

We are accountable for our actions and our behaviour.

We take responsibility for our decisions.

We create with positive purpose.

... Images by Tania Grace Knuckey JR for RETHINKTHENET

ON INFRASTRUCTURE: HOT SPOTS AND COLD ZONES, SMART CITY IS DEAD

Hot Spots and Cold Zones to leave the smart city concept behind as it leads to gated communities, enclaves not a smart world for all

6G: a coordinated effort for where 5G is necessary: corridors, operating theaters, smart manufacturing, not spread it like wildfire. Hot spots should be burning with connectivity. Cold spots should be yoga for body and mind and enhance our own intrinsic skills, serendipity and capacity for love and friendship.

How logical it sounds to go from 3G to 4g to 5G to 6G as if they are related and progress. But these are just marketing terms.

van Kranenburg R. et al. (2020) Future Urban Smartness: Connectivity Zones with Disposable Identities. In: Augusto J.C. (eds) Handbook of Smart Cities. Springer, Cham.

https://doi.org/10.1007/978-3-030-15145-4_56-1

Hot spots	Cold spots
Long-range digital value chain (telecom enabled)	Localized digital value chain (locally operating value chains for the needs of industry, services, and communities)
Opacity of local systems purpose, use, and beneficiaries	Transparency of local systems purpose, use, and beneficiaries
Social interactions mediated by tech by default	Social interactions leveraging tech intentionally when needed
Traceable presence	Anonymous presence
Individuals automatic categorization	Individuals self-determination
Privacy regulated at individual citizen level, accordingly to the policies of the devices she owns and the services she utilizes	Ambient privacy
Focused on quantifiable efficiency	Focused on Well-being
Density of tech sensorial/cognitive inputs (screens, sounds, vibrations)	Density of natural or social sensorial/cognitive inputs (grass, IRL interactions)
Top-down preestablished use of space and data	Open-ended use of space, data collectives
Commercial exploitation of aggregated data	No data collected

ON IDENTITY SSI IS NECESSARY, NOT NICE TO HAVE. TO EACH HIS PUBLIC AND PRIVATE KEYS.

Disposable Identities as we citizens need temporarily shelter from actors that we can no longer fully trust with our future and current lives.

There is simply no way humans can live in full light plugged into just a few databases of actors. We face dynamic pricing on anything if digital identity management is not fought for like in any old revolution. There is nothing honorable in this for engineers.

- [Telegram Disposable Id](#)
- [RF of the Industrial Iot Consortium on Disposabale Identities:](#)
- [The Cybersecurity Aspects of New Entities Need a Cybernetic, Holistic Perspective" in the International Journal of Cyber Forensics and Advanced Threat Investigations \(CFATI\).](#)

THE WALLET BECOMES A KENNER

We must match political decision making with technical capabilities. Voting for parties paid by a model that is empty not only makes no more sense.

This community has to take full political responsibility. Paradoxically that is not a technocratic expertise, not building more technology but creating a coherence on the new anchors: SSI, digital identity and the digital euro (crypto).

[Member states will certify wallets.](#)

I propose this to be a hardware wallet (platform) running disposable identities and a new technical communication protocol, [a good candidate is the Spatial Web.](#)

ENDGAME?

Recent disclosures or attempts to not disclose, hint at the impossibility to rule out other forms of intelligence in space. Former President Obama says: "What is true, and I'm actually being serious here, is that there is footage and records of objects in the skies that we don't know exactly what they are." It seems that now is the time to create a new narrative and bring in people and positions thought to be incompatible with science, facts and realistic assessments used to build strategic policies.

ENDGAME?

In a text from 2003 (Real Rules of Innovation for the 21st Century (Part 3)) I wrote: The swiftness and speed of the communicative response to the digital, what can it be but the sensual recognition of our intrinsic abilities to experience thought and alchemistic (read: growth and change) processes directly and intuitively? Let us suggest for a moment that we are going backwards, an interesting proposition, that as it calls for a moratorium on moving towards defies the very idea of closure, as it calls for a moratorium on the making of things defies the very idea of process as a generic concept, as it calls for a moratorium on going forward defies the very idea of teleology. We are going backwards. We are recreating through what we perceive as technological devices our modes of experiencing communicative connectivities in various modes of intelligence."

ENDGAME?

The speed, scope and ability of Internet of Things to eat every other new technology starts to make sense at systems of systems level as we see in China: full stack integration up to UX. Our planet Earth is already a spaceship tumbling in vast space, but up until now it had no bridge, no actual space for other systems of systems to dock. The key to what was missing is the notion and practical actualization of the digital twin at system of systems level capable of holistically communicating with each and every one of its connected objects. Let's imagine an intelligence from space trying to communicate not just data, but information and knowledge. **Would it not first have to help to build the capabilities for the receiving party to engage in formal ways of understanding it?**

NEW TEAMS : ART AND TECHNÉ

Not as the 'other', not as form but as in this world together as making meaning.

There is no way around a certain integration of full stack hybrid agency recognizing the digital twin is the default.

We, in Europe, or in 'tribe', can build this with respect to the multifaceted and multi fluid reality of our Generation Z and below.

NEW TEAMS : ART AND TECHNÉ

This process of “attributes” or attribuzation describes the process in which meaning is created a level below the individual as a whole, on the level of sets of characteristics or attributes. Individuals as personalities become an idiosyncratic set of attributes. In Self Sovereign Identity schemes there is no longer a ‘core’ personality but a description of Self according to a specific context; +18, +male, + phd. . . . Binaries are contested and split open into self-chosen or self-styled categories beyond male and female into transgender, fluid, and non-binary. Guattarii style psychiatry (we are very much in flux with external factors and prone to/for change) is moving mainstream:

These processes, centralization on a higher political level and decentralization at individual level create a new political situation that cannot be solved at the current level of democratic party politics.

@ROBVANK

Whatever being

