

WEDNESDAY 29TH NOVEMBER
& THURSDAY 30TH NOVEMBER 2017

**HOW TO STAY AHEAD OF DIGITAL
TRANSFORMATION CURVE?**



The European CIO Conference

**DORINT HOTEL
WIESBADEN, GERMANY**



Dear colleague CIO,

On behalf of the Board of the European CIO Association, I am delighted to invite you to the 17th edition of EuroCIO Annual Conference, on November 29th and 30th in Wiesbaden.

The two-day meeting is the yearly flagship event of the European CIO Association. The EuroCIO provides a peer-level, year-round platform for communication and exchange between European CIO's as well as close interaction with institutions such as the European Commission, regulatory bodies and the wider ICT community.

A key feature of the EuroCIO event set up is that the agenda is always designed by CIOs for CIOs, and this year's edition will be no exception. The event programme has been put together by the Board of Directors of the association, made up of CIOs from leading European organizations.

In addition to the workshops, the plenary sessions will feature toplevel speakers and testimonials such as Dario Pagani, CIO ENI, Sandeep Sen, CIO Linde, Olli Hyyppa CIO NXP and Chris Valasek, Security lead at Cruise Automation. They will share with you their experiences, views and insights on digital transformation, new enablers or disruptors and other hot topics that you have the opportunity to explore with peers from Europe.

I am convinced this years' conference will meet any CIO's expectations in terms of topics, inspiration and networking. I hope you will join us.

Last but not least I would like to take this opportunity to thank our sponsors and the FINAKI team who are making this event each year more enlightening, enriched and enjoyable.

I look forward to meeting you in Wiesbaden,

A handwritten signature in black ink, appearing to read 'F. Van den Wyngaert'. The signature is fluid and cursive, with a long horizontal stroke at the end.

Freddy Van den Wyngaert

European CIO Association
Secretary General

WED. 29th NOV.

- | | |
|----------------------|---|
| 08:15 - 09:45 | Association's General Assembly (members only) |
| 09:00 - 10:00 | Welcoming of Participants
Registration, information, handouts, coffee service |
| 10:00 - 10:15 | Word of welcome and Introduction
Thomas Endres , president Voice e.V.&
Co-chairman of the board, European CIO Association
Emmanuel Gaudin , Group CIO Lagardere &
Co-Chairman of the Board, European CIO Association |
| 10:15 - 11:00 | Keynote address
"Chief Hybridization Officer: The CIO leader of Contamination 2.0"
Carlo-Alberto Carnevalle Maffé , Bocconi School of Management |
| 11:00 - 11:30 | CIO Case study
Jean-Claude Le Goüedec (Amcor) introduced by Orange Business Services |
| 11:30 - 12:30 | Parallel workshops sessions
Introduction and Warm-up |
| 12:30 - 14:00 | Lunch |
| 14:00 - 16:30 | Parallel workshops sessions (cont'd) |
| 16:30 - 17:00 | Coffee break |
| 17:00 - 17:30 | CIOs and the Digital Transformation
Collective work published by Springer and presented by Dario Castello , CIO Magneti Marelli |
| 17:30 - 18:00 | CIO Case study
Dr. Walter Grüner (Kion Group) introduced by Tata Communications |
| 18:00 - 18:45 | CIO Testimonial
Dario Pagani , Group CIO, ENI |
| 19:30 | Departure by bus to the Jagdschloss for the gala dinner |
| 20:00 - 20:30 | Cocktail Hour |
| 20:30 - 23:00 | Gala Dinner |

THU. 30th NOV.**07:30 - 08:30****Breakfast****08:30 - 09:15****CIO testimonial****Olli Hyypä**, SVP & Chief Information Officer, NXP Semiconductors**09:15 - 09:45****CIO Case study****Paolo Passeri** by Netskope**09:45 - 10:30****Innovative solutions presented by Emmanuel Gaudin**

- **Matthias Spott**, Founder & CEO, eightyLEO Holding GmbH
- **Erwan Keraudy**, CEO & Co-founder, CybelAngel
- **Patrick Gruhn**, SVP & Co-founder, Replex

10:30 - 11:00**Coffee break****11:00 - 13:00****Workshops' Synthesis****13:00 - 14:30****Lunch****14:30 - 15:15****Keynote address***"The next frontier of hacking: your car"***Chris Valasek**, Autonomous Vehicle Security Architect, Cruise Automation**15:15 - 16:00****CIO Testimonial****Sandeep Sen**, Group CIO, Linde**16:00 - 16:15****Conclusion and Close of Conference****Freddy VAN DEN WYNGAERT**, European CIO Association, Secretary General.



Carlo Alberto Carnevale-Maffè

Bocconi School of Management

Carlo Alberto Carnevale-Maffè teaches Strategic Management at the School of Management of Bocconi University (Milan). He also taught at the “Medien MBA”- Steinbeis University (Berlin), and in executive programs at Columbia Business School (New York) and with Stern School of Business (New York). He has been member of the Steering Committee E-business Policies of European Commission, and serves in many editorial boards of management journals, such as Harvard Business Review Italy, and collaborates as columnist and commentator for financial newspapers and televisions such as CNBC Europe and Bloomberg Television.

He also serves as independent director in the board of listed companies and strategy adviser for leading international companies, focusing on innovation, information technology, media and telecommunications.

He also serves as independent director in the board of listed companies and strategy.



Patrick Gruhn

CO-founder of the Start-up Replex

Patrick is a trilingual serial entrepreneur with international experience in both high-tech startups and multinational enterprises. Patrick has a MSc in computer science and a Master in International Business Management, combining his ability to connect real business problems with the underlying IT. He is currently the co-founder of a Silicon Valley Start-up called Replex which allows companies to regain control of the entire IT infrastructure and its cost base by making IT infrastructure data digestible and actionable for c-levels and devops alike as well as providing optimization strategies to maintain a constant focus on cost efficiency.



Olli Hyypä

SVP and CIO, NXP semiconductors

Olli Hyypä is senior technology executive who has long experience in mergers and acquisitions (M&A), research and development (R&D) and cyber security. He has been living in multiple European countries including Germany, Switzerland and Netherlands and operated cross the globe. He is today leading global IT organization of NXP semiconductors, world 5th biggest semiconductor company with over 9B\$ revenue.



Erwan Keraudy

CEO & Co-founder, CybelAngel

A former finance professional managing a 7B\$ portfolio in Europe and Asia for the largest european banks, Erwan decided in 2013 to leave the world of finance to found a startup with his best friend and his brother. CybelAngel provides cyber security software to detect massive online data leaks for the largest institutions in the world. The company has become the worldwide leader in this field.



Sandeep Sen

CIO of The Linde Group

Sandeep Sen is CIO of The Linde Group, a world-leading gases and engineering company with around 60,000 employees in more than 100 countries worldwide. As Group CIO, Sandeep is accountable for the design and delivery of end to end IT solutions aligned with the overall business strategy and objectives of Linde. Sandeep is a qualified accountant with almost 25 years of experience in the manufacturing sector; initially in Finance, before he moved into SAP project management in 1998 and then into full time IT management since 2001. Sandeep was appointed to his current role in December 2011 and is based in Munich.



Matthias Spott

Founder and CEO of eightyLEO Holding GmbH

Matthias Spott is the Founder and CEO of eightyLEO Holding GmbH. Prior to this, he was the Co-CEO of Germany-based test & services group offering innovative solutions for various high-tech industries, e.g. automotive, aerospace, defense and security.

Matthias studied Aerospace Engineering and has 20 years of professional experience in the industry. Before pursuing his entrepreneurial path, Matthias served in various leadership roles at large international corporations, and as Principal in strategy consulting firms.

EightyLEO has been established in early 2015 as one of the first European New Space companies with an Integrated Product and Services portfolio to drive "Digitization from Space". The most relevant project is the realization of a satellite mega-constellation to provide secure, global broadband connectivity for Industrial Internet of Things applications in real-time – branded under the name of Kaskilo (www.kaskilo.com)



Dario Pagani

Executive vice president information and communication technology - ENI

He is Eni's Executive Vice President Information & Communication Technology & Group CIO since March 2015. Since July 2017 he is member of the Steering Committee of "Eni Digital Transformation", the Programme that has the objective to identify the directives of digital transformation in Eni.

He joined Agip S.p.A. in 1982 working in upstream operations. In 1998 he joined EniData, the Eni Group Company for Information Technology, as Program Manager for the SAP implementation in Eni's Foreign Branches. At the beginning of 2000, he was named Business Unit Manager of Upstream, Engineering & Construction business areas. In 2005 he was appointed ICT Strategic Planning Manager of Eni Group and in 2008 SVP of Eni ICT Strategy & Governance.

He is member of the Faculty SDA Bocconi, as collaborator of the Management Information Systems unit since 2011 and collaborates with MIT Design Lab since 2014, working on applications of emerging technologies on the health and safety challenges facing the energy industry. Currently, he is the Italian Chairman of "Incontri ICT 2017" Programme Committee. Member of the European CIO Association. He is also member of the Supervisory Board of Ordina.



Christopher Valasek

Principal autonomous vehicle security architect at Cruise Automation

Christopher Valasek has taken on a new position as Principal Autonomous Vehicle Security Architect at Cruise Automation, San Francisco. Previously he was Security Lead at Uber's Advanced Technologies Group, Pittsburgh. Prior to that, he was Director of Vehicle Security Research at IOActive, an industry leader in comprehensive computer security services. He recently found worldwide acclaim for his remote hack on a moving vehicle. He is also heavily involved in bleeding-edge automotive security research. Chris Valasek specializes in offensive research methodologies with a focus on reverse engineering and exploitation. He is also the Chairman of SummerCon, the United States' longest standing hacker conference.

How to stay ahead of Digital Transformation Curve?

Businesses and IT organisations are being engulfed by a torrent of digital opportunities. Not only do they have to respond to expectations and trends in a timely fashion or risk losing grip on their historical markets, but they also have to cope with paradigm shifts that may threaten the business, and the credibility of the IT organisation. We invite you to prepare and plan for this next challenge by exchanging with peers on new ways of managing IT: supporting business innovation and speed-up consequences, taking opportunity of artificial intelligence for IT organisation and autonomic platforms, rolling out industries 4.0 principles and of course, coping with multiple new security threats and compliance still increasing stakes.

WS 1 “Cybersecurity in the spotlights, from digital new threats to compliance with new demands”



John McCarthy
BCS Elite



Owen Williams
Knight Frank

Cybersecurity must be high on the business and IT agenda. Be pro-active to control and defend. Where appropriate, use it as an enabler to create value. We re-iterate that a good security strategy, translated into the necessary concepts and toolkit is a must. And it has to link neatly with both the business strategy and IT enterprise architecture. The implementation of the security platform requires the endorsement of all management layers and the involvement of all personnel. Good and timely communication of policies and staff awareness remains essential.

- Hence where do we stand on Cybersecurity in the business?
 - Cybersecurity and the “digital business transformation”: which initiatives are there? What are the lessons learned?
 - Are we prepared for more attacks (phishing, ransomware)?
- Security at the business unit and at corporate level: any new insights?
- How do we score on GDPR maturity? Cybersecurity and GDPR: separate or hand in hand?

WS 2 “How business innovation can be supported by IT”



Henry Van de Ven
Nutreco



Ronald Verbeek
Cio Platform Netherlands

The « digital tsunami » sometimes creates new business models! Internet of things, big data, artificial intelligence, blockchain..., some technological enablers are truly disruptive, rather than a more predictable, incremental improvements. How can IT sustain business teams when innovative disruption challenges current business models? What could/should be the IT department contribution?

- What are the most promising technological enablers? The tops & the flops? Are there some non-technological enablers to business innovation?
- How can we still be relevant when business teams are more and more specialized and are subject to such in-depth transformation? How can we support quite brand new or still being-designed businesses?
- Is the IT department naturally helping to raise these new business models or is IT an obstacle, slowing down the necessary transformation?
- From Shadow-IT to Public-IT, how are we working differently with the business teams? What are the required competencies? Where can we hire or source them?
- It seems necessary to work with the whole ecosystem, but how could we support the business innovation? How are we working with startups?
- How can we create a proper organization to reinvent our business models as quickly and as often the market requires it? What kind of governance, including the IT Department, could help control innovation?

WS 3 “Artificial Intelligence for the IT department”



Konstantinos Voyiatzis
Edenred



Flora Fischer
Cigref

This workshop objective is to identify and to share the practical use cases of Artificial Intelligence (AI) that the IT department is already experimented or has rolled out.

- Have new AI systems shaken up some IT current processes, applications or programs?
- Are we still able to use assurance and monitoring programs as they are fundamentally deterministic?
- What’s the impact on application architecture? Would it be relevant or desirable to have these AI systems isolated? What kind of control should we go through AI systems, in particular when provided by vendors or outsourced?
- What are the consequences on hosting, telecommunication flows and on security?
- Will some IT jobs or roles be challenged?
- What are the methodologies, norms or standards that could help in tackling these AI issues and organizing change?
- What about required competencies? Where these “new” profiles could be hired or sourced?
- Are there any legal constraint and/or ethical stakes within the IT Department?

WS 4 “How to manage IT speed-up”



Tibor Takacs
MFB



Eva Fainné Lacsny
VISZ

“Change is the only certainty”... As a corollary, it’s becoming necessary to change faster and faster! The requirement to speed-up does not apply only to IT staff anymore, but to business team as well. Indeed, IT staff are quite used to speed-up, going through process optimization thanks to CMMI, Agile methodologies or ITIL and Lean-6 Sigma best practices, for years. But business people are quite recently more and more involved in (digital) transformation.

- Speed-up in your companies: is it really a fact or are some of your companies not concerned? What is your experience... and known consequences?
- How to speed-up? What methodologies or tools have you experimented with and learned from?
- What is the positive attitude? What are the governance rules and recommendations to foster this speed-up? Which dashboard should steer it?
- We’re usually experiencing a gap between Business and IT Departments regarding speed-up. Does this gap imply new responsibilities? Are IT staff more and more accountable (and replacing business staff) for making change a success?
- What are the consequences on our people? Is speed-up putting IT and Business people under new kinds of stress? What are the impacts on our customer relationships in terms of requirements, risk and accountability?

WS 5 “Autonomic Platform”



François Jolles
IUCN



Ali Malaz
Tubiyad

Surfing on Software-Defined Everything (SDE) and DevOps, autonomic platforms should help IT in getting rid of limitations of capacity, performance and scale. While SDE permits simplifying and optimizing the infrastructure different layers through virtualization,, DevOps should help by conciliating IT teams, despite different global objectives: change, speed and experimentation for development teams versus stability, performance and predictable maintenance issues for operations teams!

- Will autonomic platforms help by breaking siloes and related separated systems?
- Vendors were used to confine us in proprietary closed systems; emerging public platforms and opened architecture layer’ start-ups are building and should lead the way toward autonomic platforms. Are you still stuck with some legacy systems?
- Are responsiveness and agility the new paradigm pulling IT to get rid of former closed legacy systems?
- How can we redeploy IT talent thanks to simplified architectures?

WS 6 “Compliance stakes, GDPR and beyond...”



Luciano Guglielmi
Gruppo Arnoldo Mondadori
Editore



Federico Cilloccu
Gruppo Arnoldo Mondadori
Editore



Andrea D'Agostino
Gruppo Arnoldo Mondadori
Editore

From global regulation to a gentleman's agreement, companies have to consider a 360-degree perspective to comply with vendor's copyright protection, with client's ever widening requirements and with employee's motivational expectations. In a new digital paradigm where “If you're not paying for it, you're the product”; where you're sourcing blocks of services and where your salaried employees are becoming independents, how can companies deal with a new kind of compliance issues?

- Some well-known vendors are claiming for copyright abuse whenever data used has ever been stored in their under-licence database or processed by their protected code! Where is the new regulated frontier?
- Are you now GDPR fully or partially compliant? How to balance risk?
- What if the data is stored or the code is executed in the US or in China for example? What are the new constraints?
- What regulation rules should be applied to data captured by an IoT device, stored and transmitted abroad through several networks and systems, analysing, transforming and shaping it to be displayed on another several devices? How many stakeholders could claim for duties?
- From a quite “simple” regulation to almost shared codes of conduct to ethical perspectives depending on culture and maybe political regime, what is the new playing field?

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