

EUROPEAN CYBER DAY

1st EDITION
ON ENERGY

● 27 juin 2017 - Brussels





OPENING SESSION

CHAired BY

Dominique Ristori

Director General, DG Energy, European Commission



Dominique Ristori has worked in the European Commission since 1978 and has held several senior positions. Prior to his current posting, he was Director-General of the Joint Research Centre (JRC) from 2010 to 2013.

Between 2006 and 2010 Mr Ristori was Deputy Director General of DG Energy and Transport.

From 2000 to 2006, as Director in charge of General Affairs and Resources in DG Energy and Transport, he was responsible for interinstitutional relations; enlargement and international relations;

coordination of energy and transport research; internal market, state aids, infringements and public service obligations; passengers' and users' rights, as well as central management of human and budgetary resources. Between 1996 and 1999, he was Director in charge of European Energy Policy in DG XVII (Energy).

Mr Ristori played an important role in the preparation and adoption process of the two first Directives on the Internal Market for gas and electricity. He also successfully launched the Florence and Madrid Fora for electricity and gas at the start of the regulatory process in the energy sector.

In the period from 1990 to 1996 Mr Ristori was in charge of transnational cooperation between SMEs in DG III (Enterprise).

Dominique Ristori graduated from the Institute of Political Studies of Paris in 1975.

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Jerzy Buzek

**MEP, Chairman of the Committee on Industry, Research and Energy,
member of the European Internet Forum**



Member of the European Parliament since 2004, Mr Buzek has hosted many important functions such as President of the Parliament from July 2009 to January 2012 and Chair of the Delegation to the Parliamentary Assembly of the Union for the Mediterranean. Mr. Buzek is currently the Committee on Industry, Research and Energy 's Chair.

Pilar Del Castillo

**MEP, Member of the Committee on Industry, Research and Energy,
Chairman of the European Internet Forum**



Pilar del Castillo graduated from Complutense University of Madrid as a PhD in Law and has a Master's degree in Political science from Ohio University.

She has been Associate Lecturer in Constitutional Law for almost thirty years, from 1986 to 2014 and Professor of Political Science and Administration, UNED (the Spanish Open University) during twenty years from 1994 to 2014.

Pilar del Castillo was also the Editor of 'Nueva Revista de Política, Cultura y Arte during one year (1995-1996) and then was Director of the Spanish Sociological Research Centre from 1996 to 2000.

She's a member of the European Parliament since 2004 and is currently the President of the Internet Forum.



Morten Helveg Petersen

**MEP, Vice Chairman of the Committee on Industry, Research and Energy,
member of the European Internet Forum**



Secretary for Marianne Jelved, political group leader for the Social Liberals in the Danish Parliament from 1990 to 1992, Mr Petersen was then Trainee in the Directorate-General for Economic and Financial Affairs of the European Commission. Macro-economic forecasts and country analyses for one year and then became Consultant in Danish Industry's (DI)'s information department, focused on the EU referendum on the Edinburgh Agreement; Economic consultant in DI's investment department Travelled in Asia, Africa, South America and North America on behalf of Danish companies looking to set up production abroad for four years and finally Consultant in the Confederation of DI's information department, focused on the EU referendum on the Treaty of Amsterdam in 1997-1998.

Mr Petersen has been Chief executive officer of the Association of Danish Interactive Media, FDIM from 2009 to 2012 and then Director of the Association of Danish Media, a merger of seven media organisations until 2014. He's a member of the Committee on Media Support (Dyremose Commission) since 2011 and has been a Board member of IAB Europe from 2011 to 2013

Mr Petersen is a member of the European Parliament since 2014 and is currently Vice-chair of the Committee on Industry, Research and Energy (ITRE).

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Christian Aghroum

MODERATOR OF THE THREE ROUND TABLES

Christian Aghroum

Vice president of CyAN Cybersecurity and cybercrime Advisors Network



Christian Aghroum is an international consultant on security, cybersecurity and crisis management, head of SoCoA Sàrl (www.socoa.ch). He is Vice president of CyAN Cybersecurity and cybercrime Advisors Network(www.cyan.network) an international non profit organisation.

Expert at the Council of Europe, Christian has been Chief Security Officer in the private sector in Switzerland after having spent nearly 30 years in the police field. He is a former head of the french national Cybercrime Unit. Lecturer in several universities (Geneva, Lausanne, Montpellier) but also in management schools (ESSEC - Paris ; International Management School of Geneva), he wrote many books on security and cybersecurity issues.

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Pierre Calais CEO, Stormshield

Pierre Calais serves as the director of Stormshield, a subsidiary of Airbus Group and a French leader in cybersecurity. He began his career at Bull, where he worked as an engineer before taking a similar position at Dassault Electronique.

Prior to joining Netasq as Vice President of Engineering and Operations in 2008 and then being promoted to COO, Pierre Calais was in charge of managing the software company NetSecureOne.

Pierre Calais has been CEO of Stormshield since 2013.



Dr Lawrence Jones

VP International Programs, Edison Electric Institute



Lawrence E. Jones joined Edison Electric Institute in September 2015 as Vice President, International Programs.

Prior to joining EEI, Mr. Jones was North America Vice President for Utility Innovation & Infrastructure Resilience at Alstom Grid Inc., where he assisted utilities worldwide with formulating strategies for deploying new technology solutions. While at Alstom, Mr. Jones also served as Vice President, Policy, Regulatory Affairs & Industry Relations for the international full-service electric generation and transmission firm.

Mr. Jones is a member of numerous U.S. and international industry advisory committees, and serves as Co-Chair of the 21st Century Power Partnership Leadership Forum, as a member on the U.S. Department of Commerce's Renewable Energy and Energy Efficiency Advisory Committee, and as a member of the U.S. National Institute of Standards and Technology's Smart Grid Advisory Committee.

Born and raised in Monrovia, Liberia, Mr. Jones lived in Sweden for more than a decade, where he received his M.Sc. in Electrical Engineering and his Ph.D. in Power Systems Engineering from the Royal Institute of Technology in Stockholm.

Stefan Moser

**Head of Unit Security of Supply Direction B,
DG Energy, European Commission**

Stefan Moser was born in Munich in 1971 and trained as an economist and a lawyer. He joined the Commission in 2000 in DG Competition to work on control of state aid to public undertakings and services, notably financial institutions. From 2005 to 2009, he worked in DG Environment on climate and environment policy, notably greenhouse gas emissions trading, transport emissions and air quality. From 2009 to 2015, he dealt with policy coordination in the Secretariat-General, in particular on climate, energy, environment, transport, agriculture and maritime policies. He was appointed Head of the Security of Supply Unit in DG Energy in March 2015.



Francesco Morelli

Head of physical and information security, Terna



Francesco Morelli has been Head of "Physical Security and Emergency Management" in Terna since September 2016, where he also assumed responsibility for "Information Security" for the companies of the Terna Group.

In the field of security since the early 2000s, for 15 years he worked as a Carabinieri Officer (Italian National Police) in the General Headquarters, where he took on increasingly important responsibilities throughout his career, dealing with web platforms, automotive systems and mobile applications as Head of "Internet and Intranet Communication".

Graduated in Computer Engineering at the Politecnico di Milano and the Technical University of Hamburg, he has refined his

cyber security skills through a long training path, acquiring crucial knowledge and skills in detecting and combating digital crimes.

At an international level, in 2009, he was part of the training team of the European project PHARE, with responsibility for activities aimed at increasing the use of web technologies in the "Human Rights" sector in Turkey.

In 2016, he was involved in the creation of an online cybercrime reporting platform in the Republic of Macedonia (FYROM), which was part of an important project funded by the European Union in favour of the Macedonian people.

He lectured at the Cyber Security Master by UniMol, focusing his lessons on "Web Site Threats", "Cybercrime" and "the Deep Web".

ISACA member with CISM certification, he is part of ENTSO-E's "Critical Systems Protection" (association of the main European TSOs), where he has recently been selected as contact point with ENISA (European Union Agency for Network and Information Security).

Major companies are thoroughly revamping their cybersecurity policies due to the increasing digitalization of their activities. It has become absolutely indispensable to implement a comprehensive approach that addresses all aspects related to protecting data and infrastructures (networks, workstations, and servers).

Properly coordinating protection systems is the most effective way to fight against ever more complex cyberattacks that strike companies on a daily basis.

This is why **Stormshield has developed a product range based on innovative, industrial technologies that perfectly cater to the latest business constraints and expectations of companies from every sector.** Stormshield solutions were designed to dynamically interact with each other in a fully collaborative approach. They offer proactive protection against known or unknown threats that companies' information systems are exposed to on a daily basis.

In choosing Stormshield, companies are also guaranteed all the benefits of mobility and the cloud in a simple, secure way.

Through its partner network, Stormshield is currently helping more than 15,000 companies secure their operations in France and throughout the world.

For more information about Stormshield's solutions and areas of expertise, visit <https://www.stormshield.eu>.

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SECOND ROUND TABLE CYBERSECURITY CHALLENGES FOR SMART GRIDS

Klaus-Dieter Borchardt

Director Internal energy market, DG Energy, European Commission



He studied law at the University of Hamburg (1974-1979) and also in Hamburg he did his two years practical education ("Referendarau-sbildung"). At the Free University of Berlin he received in 1985 the Dr. jur. with a doctor thesis which was rewarded with the "Ernst-Reuter-Preis". Since 1987 M. Borchardt works as a Civil servant at the European Commission in Brussels:

1987-1989: Member of the Commission's Directorate General "Employment, Social Affairs and Education"

1989-1990: Member of the Commission's Legal Service, Department of Agriculture

1990-1994: Member of the Cabinet of the German Judge at the European Court of Justice in Luxembourg

1994-2001: Chief Administrator at the Commission's Legal Service, State Aid Control 2001-2004: Head of the Legal Department of Commission's Directorate General "Agriculture",

2004-2008: Deputy Head of Cabinet in the Cabinet of Commissioner Mariann Fischer Boel (Agriculture and Rural Development),

2008-2010: Head of Cabinet in the Cabinet of Commissioner Mariann Fischer Boel (Agriculture and Rural Development)

2010-2012: Director for Direct Support, Market Management, Cross Compliance and Promotion of Commission's Directorate General "Agriculture"

2012-2013: Director for International affairs I of Commission's Directorate General "Agriculture" Since 1 April 2013: Director "Internal Energy Market" of Commission's Directorate General "Energy".

Mr Borchardt is Teaching Professor at the Faculty of Law at the Bavarian Julius-Maximilians-University in Würzburg, Germany (since 2001) and Guest Professor at the University of Vienna (since 2007). He has numerous publications in the field of EU-Law.



Jean-Christophe Mathieu

Products and Solutions Security Officer, Siemens



Jean-Christophe Mathieu has worked in the integration and automation for industrial systems industry for more than twenty years.

He's started with many different industries such as steel industry, food-processing, automobile, aeronautics, transport, etc.

He then became a member of the Siemens Company in the Digital Factory, Process and Drives Business Unit and hosts the title of *Référent Technique National* (National technical

Referent) for networks and cybersecurity of industrial systems.

Currently, Jean-Christophe Mathieu works as the Products and Solutions Security Officer for the Siemens Group in France and is in charge of the cybersecurity of the group Siemens products and solutions in France.

Jean-Christophe Mathieu has been a member of the ANSSI's working Group about industrial systems at a national and a European level.

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Nuno Medeiros

**Head of the Cyber Security Department at EDP DISTRIBUIÇÃO,
EURELECTRIC Representative**



Nuno Medeiros has a Master degree in Electrical and Computers Engineering with a major in Energy from the Faculty of Engineering of the University of Porto (FEUP) in 2008. In the end of 2011 he became a Master of Science in Information Technology - Information Security (MSIT-IS) from Carnegie Mellon University and a Master of Science - Cyber Security from Faculty of Sciences of the University of Lisbon.

From September 2009, he started working for EDP Distribuição joining the department of Automation and Telecontrol, which is responsible for the mission critical systems of the Portuguese DSO. Prior to December 2011, he was responsible for managing and leading projects for the SCADA/DMS infrastructure. After that, he worked as a Cybersecurity officer for SCADA/DMS systems and Smart Grid projects.

Since the beginning of 2017 he is Head of the Cyber Security Department at EDP Distribuição, which is responsible for the end-to-end security architecture, coordinating and defining security and privacy requirements for products and processes, and maintaining the mission critical security level through a risk-based approach.

He is also an industry representative in several European level working groups and projects (SGTP-SF, DPIA task force, SEGRID, DENSEK) and a founding representative of the EE-ISAC.

Last, through the last few years he has been an invited speaker in several European Conferences to share his view and EDP Distribuição roadmap on the topics of security and privacy.



Marc Smitham

Senior Manager of Cybersecurity Policy, Europe, Middle East and Africa (EMEA), Microsoft



Mark Smitham is Senior Manager of Cybersecurity Policy at Microsoft responsible for Europe, Middle East, and Africa (EMEA). In this role Mark works with policy and technical stakeholders on a range of cybersecurity issues, including security strategy and policy, cloud security, risk management, information assurance and critical infrastructure protection. Before joining Microsoft's EMEA cybersecurity team in 2016, Mark worked in the Directorate General for Communications, Network, and Content Technologies (CNECT) at the European Commission in Brussels, Belgium focusing on cloud security public policy, standards, interoperability and public procurement issues of cloud services, including developing trust and improving the overall level of security of European digital society and growth in the digital economy in Europe,

such as the Directive on Security of Network and Information Systems (NIS) and actions to extend access and build trust as set out in the European Commission Communication on the European Cloud Initiative.

Mark came to the European Commission from the UK Government where he worked in the Government Digital Service and UK Home Office, leading cloud security public policy and managed large IT projects and delivered systems in very high-profile and secure environments. Prior to his work in the UK Government, Mark led a range of service management projects for business improvements in digital public services and appreciates the complexities of innovation and security.

Mark has taken up an L.L.M. in Computer and Communications Law at Queen Mary University London and holds an M.Sc. in Information Technology from the University of the West of Scotland, UK as well as an M.A. from the University of Glasgow, UK.



THIRD ROUND TABLE

HOW THE CIVIL NUCLEAR SECTOR DEALS WITH CYBERSECURITY CHALLENGES?

Valérie Derouet

Chairman, Nuclear Industry Steering Group for Security (NISGS)



Valérie DEROUET is an engineer graduate of Mines Paris-Tech. She has two Master degrees in Mathematics and Mechanics and went to Stanford University (free auditor in marketing, financial and engineering management).

She also graduated from the Institute of Higher National Defense Studies- IHEDN- . She also belongs to the operational military reserve of the French Air Force, with the rank of Colonel.

Since 2011, she has been Senior Vice-President, reporting to the EDF Group Senior Executive Vice-President in charge of nuclear generation. She is the Coordinator of the French Nuclear Industry Strategic Committee (CSFN).

Furthermore, she is in charge for EDF of the coordination of the Nuclear International Security and Cyber-Security Network. She was appointed chairman of the "Nuclear Industry steering Group for security-NISGS" who is in charge for the nuclear industry to deliver post-NIS positions and actions in nuclear security and cyber-security, in line with the NIS 2016 Joint Statement and the Nuclear Security Summit 2016 Actions Plans (United Nations, AIEA, INTERPOL, Global Initiative to Combat Nuclear Terrorism and Global Partnership).

She has been vice president of the «National Security Council for Private Security-CNAPS» since January 2015. The CNAPS is the French regulator for private security.

She was Senior Vice President, Head of Homeland Security, Strategy and marketing organization in EADS Group from 2008 to 2011. In 1999, she became Executive Committee Secretary and Head of Financial Strategy & Economics Studies in Cogema. Then she was appointed Head of Decommissioning & Waste Management, and CEA Key Account manager and Head of Homeland Security Affairs in AREVA Group (1999-2008).

She is Chevalier de la Légion d'Honneur, Chevalier de l'Ordre National du Mérite and received the bronze medal of the French military reserve.

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Loïc Guezo

Cybersecurity Strategist, Trend Micro



Loïc Guézo is CyberSecurity Strategist, Director at Trend Micro for Southern Europe. With 25 years' experience, Loïc is a recognized expert in the field of Information security and Risk Management. In this position, Loïc is a trusted advisor to Trend Micro customers and partners in Southern Europe and tasked with overseeing the strategic development in the region.

Working with media and trade associations, including CLUSIF (French Club for the Security of Information Systems), CESIN (Club of Experts in Digital & Information Security), ISA-France (focused on managing cyber security controls in SCADA environments) and ARCSI (Cryptography & Information System Security Veterans association), Loïc is a leading voice in the region.

Before joining Trend Micro, Loïc Guézo held various positions, such as EDF (Nuclear controls with IT), Sagem (Research Engineer for NATO), French Development Bank (IT Manager for French Overseas) and IBM France (CTO Security Services). Loïc Guézo is graduated of the University Paris XIII and has a Master's Degree in « Open Source & Security » from Ecole Centrale Paris.

Stephan Lechner

Directeur Direction E, DG Energy, Commission européenne



Dr Stephan Lechner, based in Luxembourg, is Director of Euratom Safeguards at the European Commission's Directorate General for Energy. Before this appointment to this position in July 2016 he was Director of the Institute for the Protection and the Security of the Citizen at the European Commission's Joint Research Centre in Ispra, Italy, for more than 8 years. Before this responsibility he held various management positions and spent more than 18 years in the hi-tech sector of private industries, at large international enterprises and at telecommunications operators. He managed international expert teams in Germany and in China and has more than 25 years of experience in collaborative European projects. Dr Lechner holds a degree in mathematics and computer sciences and a doctoral degree in cryptography.



Jean-Luc Trollé

**Nuclear Security Information Senior Advisor,
nuclear generation and engineering Departments, EDF**



Nuclear Security Information Senior Advisor, nuclear generation and engineering Departments, EDF.

M. Trollé started his career at EDF in 1983 in charge with measurements and mechanical tests for the EDF's nuclear fleet. Then, M. Trollé has been the head of EDF/R&D team on acoustics and dynamics behavior. From 2000 to 2003, M. Trollé was deputy head of Cattenom Nuclear Power Plant. Then, he was in charge of the technical project for the insurance of EDF's nuclear fleet for the IPO of EDF.

From 2005 to 2012, he has been the Chief Information Officer of EDF's nuclear Generation Department, then he was in charge to define and put in place new computer security skills, organization and governance for the nuclear field at EDF.

M. Trollé holds Master's Degree from ENS Arts et Métiers and from University of Paris 6 in Mechanical Engineering.

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Timo Wiander
IAEA Representative



Mr Wiander holds a Master of Science from University of Oulu, Finland. His major was Information Systems/Information and Computer Security. He holds Certified Information Systems Auditor from ISACA and he is a Lead Auditor of ISO/IEC 9001 and ISO/IEC 27001. Currently he is Senior Manager/Information Security Manager of ENORO Oy. Previously he has been working for STUK - Radiation and Nuclear Safety Authority of Finland where he developed computer security regulation and the guide YVL A.12 Information Security Management of a Nuclear Facility along with other computer security duties. He has been Information Security Manager of Fennovoima Oy which will apply for construction license for a new nuclear power plant to be

built in the northern part of Finland. He has actively participated in the development of the IAEA computer security guidance since 2006 and he has been computer security instructor in several IAEA regional training courses. Mr Wiander has more than 20 years of practical experience in computer and information security.

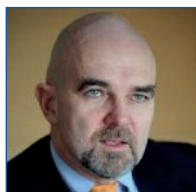
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CLOSING SESSION

Luigi Rebuffi

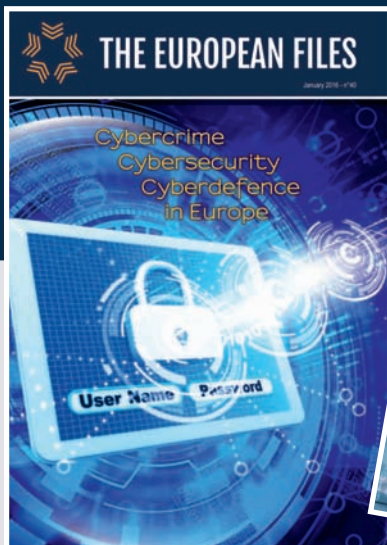
CEO of ECSO



Luigi Rebuffi is the CEO and founder of EOS (European Organisation for Security) and the Secretary General and founder of ECSO (European Cyber Security Organisation).

After having graduated in Nuclear Engineering at the Politecnico di Milano (Italy), he has worked in Germany on the development of high power microwave systems for the next thermonuclear fusion reactor (ITER). He continued his career at Thomson CSF / Thales in France

where he took on increasing responsibilities for European Affairs (R&D) in different sectors: telecom, industrial, medical, scientific, and becoming in 2003 Director for European Affairs for the civilian activities of the Group. He suggested the creation of EOS and coordinated its establishment in 2007. In 2016 he contributed at the creation of ECSO and signed with the E.Commission the cPPP on cybersecurity. Until 2016 and for 6 years, he has been an advisor to the European Commission for the EU Security Research Programme and President of the Steering Board of the French ANR for security research.



Information about the publication:

The European Files includes editorial contributions both from public institutions and the private sector. We publish four issues a year, and cover a variety of subjects at a European level. Most issues are realized in collaboration with the European Commission.

Each issue deals with current European policies, and is a real working tool for European MEPs, Administrators, Head of Cabinets and Commissioners. For contributors from the private sector it is a great opportunity to appear alongside top European decision-makers and present your approach or solutions on the given subject.

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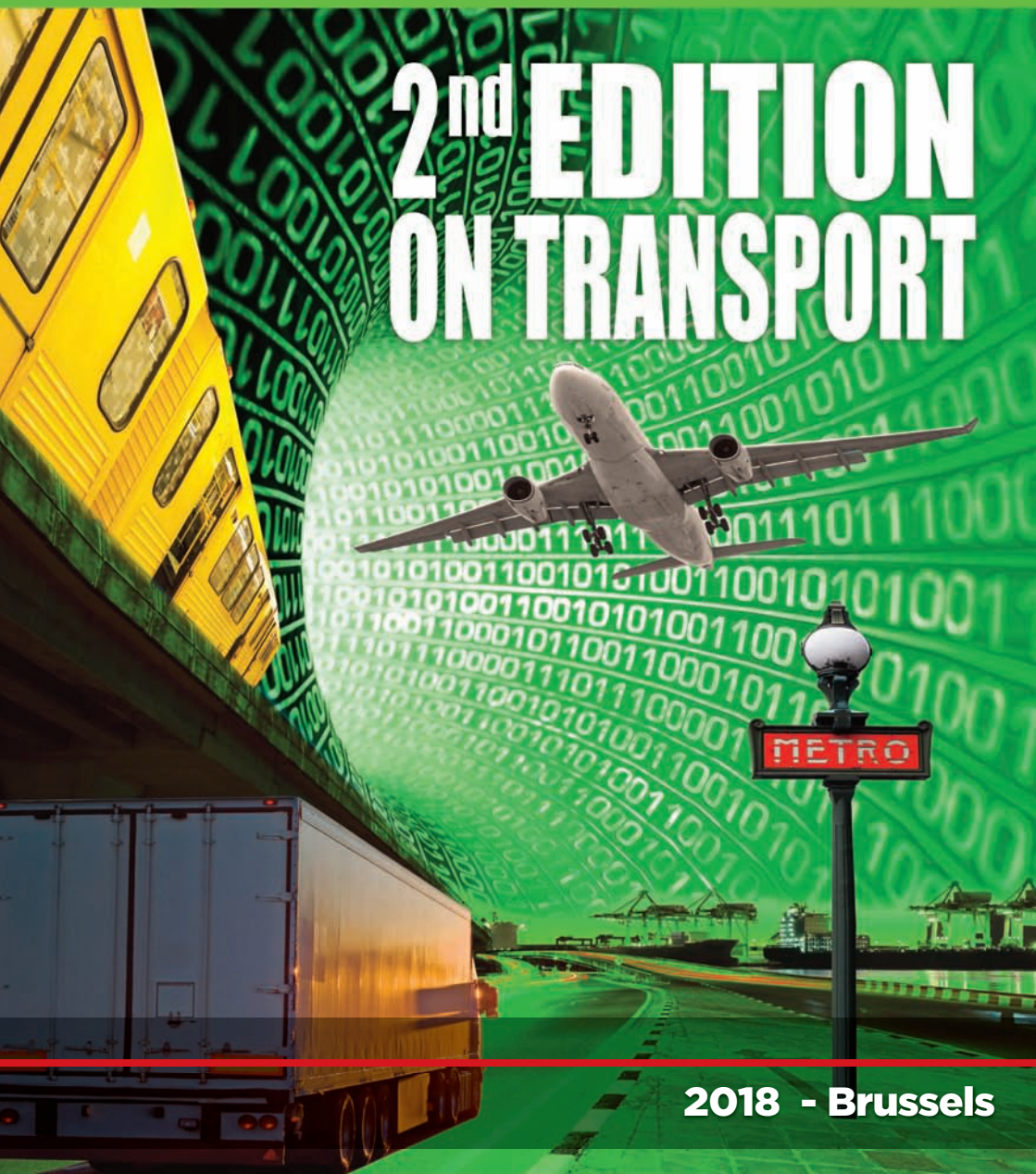


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