SESEI IV

Seconded European Standardization Expert in India

Newsletter

www.sesei.eu | dinesh.chand.sharma@sesei.eu | M: +91 98 1007 9461 | Tel: +91 11 3352 1500

CEN - European Committee for Standardization
CENELEC - European Committee for Electrotechnical Standardization
ETSI - European Telecommunications Standards Institute

EC - European Commission
EFTA - European Free Trade Association

In this Issue

Greeting from SESEI!!!

Dear Readers,

On behalf of Project SESEI and its stakeholders, I pray and wish for safety and good health for all of you. I am hopeful that normalcy will return soon and post the Covid-19 pandemic we will emerge stronger.

However, it would be vacuous not to acknowledge the post Covid-19, impacts which the world economy will witness. Covid-19 has already changed the way we work and live. This scenario will further give impetus to more use of technology, innovations, IoT big data and Artificial Intelligence will play a big role in the times to come.

This is our third edition of "SESEI Newsletter India", providing important developments and standardization related information concerning priority sector covering ICT, Automotive, Electrical Equipment including Consumer Electronics, Smart Cities in Europe, for the period January to March 2020.

CEN CENELEC recently launched BRIDGIT II (Bridging the Gap between Research and Standardization) project to improve the relation between the research and innovation (R&I) community and standardization, to increase the possibility of synergies and foster collaboration. As part of the project, the new website standardsplusinnovation.eu was also released, which will be the main entry point for researchers and innovators to the world of standardization.

On the 5G technologies front, the European Commission's EMPOWER project has launched a consultation to create and update the advanced wireless 5G technology roadmap based on the analysis of trends for Beyond 5G in the respective research, standards, and spectrum communities. The European Commission has also endorsed the joint toolbox of mitigating measures agreed by EU Member States to address security risks related to the rollout of 5G, the fifth-generation of mobile networks. ETSI also launched a new group dedicated to specifying the fifth generation of Fixed Network (ETSI ISG F5G). Building on previous

generations of fixed networks, the 5th generation will address three main use cases, a full-fiber connection, enhanced fixed broadband and a guaranteed reliable experience.

The European Commission presented its strategy for data and Artificial Intelligence. The European data strategy and the policy options to ensure the human-centric development of Artificial Intelligence (AI). A White Paper (PDF) proposing a framework for Artificial Intelligence based on excellence and trust was also released by the Commission.

A technical report on Autonomic Network Management and Control applying Machine Learning and other AI Algorithms was released by ETSI. ETSI TR 103 626, provides a mapping of architectural components for autonomic networking, cognitive networking and self-management. The TR addresses autonomic decision-making and associated control-loops in wireless network architectures and their associated management and control architectures.

Standadrisation and new technologies are also contributing effectively to safety and quality of life. eCall has been developed to support ITS and road safety through automated and real-time communication between vehicles and emergency services. eCall puts the occupants of the vehicle in direct communication with the emergency services and automatically provides the location of the accident. Similarly, ETSI's Emergency Communication Special Committee has recently released two major specifications, ETSI TS 103 479, for NG112, the next generation of European emergency services and ETSI TS 103 625, for the specific Advanced Mobile Location function. AML is already implemented in 22 countries worldwide following the publication of the first ETSI technical report TR 103 393.

CEN and CENELEC are proud to announce the launch of a new Joint Technical Committee, CEN/CLC/JTC 20, dedicated to hyperloop systems standardization. Hyperloop is a ground-based high-speed transportation system for passengers, living and/or non-living stock, in which vehicles are suspended through contactless means and travel inside a sealed, confined reduced pressure environment. With potential benefits on safety, time-saving, greenhouses gases emissions reduction, and economic value, this technology begins progressively to be on the spotlight.

Many other important developments concerning circular economy i.e. resource efficiency, sustainability concerns, new concepts and standards as announced by the Project partners are highlighted through this newsletter. We have also included a list of events, which were to be held later in the year however, due to existing circumstances, the dates, venue & mode of organization may change. We would request you to contact us or the project partners, if you are interested in participating in any of the events of your interest.

We are hopeful that you will find this 3rd edition of our newsletter, interesting and informative read for all of you. Once again praying for safety and good health for everyone. Happy Reading.

Warm regards,

Dinesh Chand Sharma
(Seconded European Standardization Expert in India)

Discover the new website on Standards + Innovation!

In a global economy increasingly based on knowledge, it is fundamental to be able to drive change and innovate. Standards contribute to the success of new technology: they support each stage of the innovation process and ensure the fast access of innovative products and technologies to the market. With this belief, one of CEN and CENELEC's priorities is to improve the relation between the research and innovation (R&I) community and standardization, to increase the possibility of synergies and foster collaboration across the board. This is the objective of the BRIDGIT II project, as the recent European Conference 'Boosting Innovation through Standards', which on 13 November 2019 put together the standardization and the research worlds, has shown.

As part of the project, the new website standardsplusinnovation.eu has just been released. The website will serve as the main entry point for researchers and innovators to the world of standardization. Together with providing information on how standards can help innovation and research throughout its different development paths, from funding to market access, the website also presents some inspiring success stories of researchers and innovators. To announce the launch of the Standards+Innovation website, CEN, CENELEC and the other project partners are launching an online communication campaign that in the coming weeks will showcase the benefit of standards.

Read More

Back to contents

EU unveils new circular economy action plan 2.0

The European Commission (EC) has adopted a new Circular Economy Action Plan - one of the main blocks of the European Green Deal, Europe's new agenda for sustainable growth. The new Action Plan announces initiatives along the entire life cycle of products, targeting for example their design, promoting circular economy processes, fostering sustainable consumption, and aiming to ensure that the resources used are kept in the EU economy for as long as possible. It introduces legislative and non-legislative measures targeting areas where action at the EU level brings real added value.

The new Circular Economy Action presents measures to:

- Make sustainable products the norm in the EU;
- Empower consumers and public buyers;
- Focus on the sectors that use most resources and where the potential for circularity is high such as: electronics and ICT; batteries and vehicles; packaging; plastics; textiles; construction and buildings; food; water and nutrients;
- Ensure less waste;
- Make circularity work for people, regions and cities,
- Lead global efforts on circular economy.

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Back to contents

ETSI unveils Augmented Reality framework enabling multi-vendor ecosystem for industry and consumers

The ETSI Industry Specification Group on the Augmented Reality Framework (ISG ARF) unveils ETSI GS ARF 003, a key specification towards the interoperability of AR components. Today industrial and end users tend to frequently depend on a single provider to deploy AR applications and services. Compliance with the ETSI framework will allow components from different providers to interoperate via the defined interfaces, allowing broader and quicker adoption of AR technology. It will also take account of a growing and dynamic AR market.

The ETSI GS ARF 003 introduces the characteristics of an AR system and describes the functional building blocks of a generic AR reference architecture and their mutual relationships. The global architecture gives an overview of an AR system which is based on a set of hardware and software components as well as data describing the real world and virtual content. The functional architecture applies to both fully embedded AR systems and implementations spread over IP networks in a scalable manner with subfunctions. These subfunctions can either be deployed on the AR device or be provided via cloud technology.

Read More

Back to contents

Europe Commission presents strategies for data and Artificial Intelligence

The European Commission unveils its ideas and actions for a digital transformation that works for all, reflecting the best of Europe: open, fair, diverse, democratic and confident. It presents a European society powered by digital solutions that put people first, opens up new opportunities for businesses, and boosts the development of trustworthy technology to foster an open and democratic society and a vibrant and sustainable economy. Digital is a key enabler to fighting climate change and achieving the green transition. The European data strategy and the policy options to ensure the human-centric development of Artificial Intelligence (AI) presented today are the first steps towards achieving these goals.

The Commission unveiled its vision for a digital transformation that works for everyone. This includes a White Paper (PDF) proposing a framework for Artificial Intelligence based on excellence and trust. One particular challenge identified by the Commission is the extremely fast development of AI. Policymakers are struggling to monitor the AI landscape and analyze its uptake and impact to know where and how their intervention could tip the balance towards desirable outcomes for society.

Read more

Back to contents

Standards save lives: European Standardization in support of eCall

Road traffic accidents are an unfortunate consequence of road transport. In an ever more digitalised and connected society, ITS supports road safety through automated and real-time communication between vehicles and emergency services. Known as 112-eCall, this communication is already saving lives. eCall puts the occupants of the vehicle in direct communication with the emergency services and automatically provides the location of the accident, the vehicle involved, the numbers of passengers in a vehicle at the time of impact, and other key data,

which enables the prompt and most appropriate emergency response. Understanding the content of a vehicle can help the emergency services send appropriate resources and minimise risks and disruption for road users.

The benefits of this technology are widely acknowledged, but they can only be ensured by proper standardization. The relevant public and private actors have been working together and the development of appropriate CEN standards has already enabled the mandatory equipping of all new models of cars and light vans. Furthermore, eCall standards specifications are now also available for every other category of vehicle, enabling these to be implemented on a voluntary basis, or on mandated use where regulators deem this appropriate in order to reduce deaths and injuries.

Co-existence with third party assistance providers is also enabled through CEN standardization. This challenging topic will truly improve the survivability of all European road users, should they unfortunately be involved in a road traffic accident/emergency. To know more about eCall standardization, you can read the leaflet CEN and CENELEC recently published at this link.

Read more

Back to contents

ETSI releases a technical report on Autonomic Network Management and Control applying Machine Learning and other AI Algorithms

The ETSI Technical Committee on Core Network and Interoperability Testing (TC INT) has just released a Technical Report, ETSI TR 103 626, providing a mapping of architectural components for autonomic networking, cognitive networking and self-management. This architecture will serve the self-managing Future Internet. The ETSI TR 103 626 provides a mapping of architectural components developed in the European Commission (EC) WiSHFUL and ORCA Projects, using the ETSI Generic Autonomic Networking Architecture (GANA) model. The objective is to illustrate how the ETSI GANA model specified in the ETSI specification TS 103 195-2 can be implemented when using the components developed in these two projects. The Report also shows how the WiSHFUL architecture augmented with virtualization and hardware acceleration techniques can implement the GANA model. This will guide implementers of autonomics components for autonomic networks in their optimization of their GANA implementations.

The TR addresses autonomic decision-making and associated control-loops in wireless network architectures and their associated management and control architectures. The mapping of the architecture also illustrates how to implement self-management functionality in the GANA model for wireless networks, taking into consideration another Report ETSI TR 103 495, where GANA cognitive algorithms for autonomics, such as machine learning and other AI algorithms, can be applied.

Read more

Back to contents

Smart Grids for EUROPE: CEN, CENELEC and E.DSO Signed a Partnership Agreement

The Agreement aims at facilitating the collaboration between CEN and CENELEC, two of the officially recognised European Standardization Organizations, and E.DSO, the interface between Europe's Distribution System Operators (DSOs) and the European institutions. The objective is to ensure an appropriate exchange of knowledge

as well as high quality and consensus-based support in the delivery of standards for the large-scale development of smart grid technologies.

The new Partnership Agreement is a step forward in this direction: through the Agreement, E.DSO will provide CEN and CENELEC with their technical and strategic expertise in the field of smart grids and energy distribution and bring a welcome industrial perspective to the work of standardization. Furthermore, the exchanges between the three organizations will bring lasting benefits to other related areas of ongoing work, such as ICT, cybersecurity, digitalization of the energy sector and e-Vehicles.

Read more

Back to contents

Secure 5G networks: Commission endorses EU toolbox and sets out next steps

The European Commission endorsed the joint toolbox of mitigating measures agreed by EU Member States to address security risks related to the rollout of 5G, the fifth-generation of mobile networks. This follows the European Council's call for a concerted approach to the security of 5G and the ensuing Commission Recommendation of March 2019. Member States have since identified risks and vulnerabilities at national level and published a joint EU risk assessment. Through the toolbox, the Member States are committing to move forward in a joint manner based on an objective assessment of identified risks and proportionate mitigating measures. With its Communication adopted, the Commission is launching relevant actions within its competence and is calling for key measures to be put in place by 30 April 2020.

Read More

Back to contents

ETSI launches New Group on 5th Generation Fixed Network shifting the paradigm from Fiber to the Home to Fiber to Everything Everywhere

ETSI announced the launch of a new group dedicated to specifying the fifth generation of Fixed Network (ETSI ISG F5G). In a launch via an online press and industry briefing yesterday, various speakers expressed their view on the need for standardization in this area. We are entering an exciting new era of communications, and fixed networks play an essential role in that evolution alongside and in cooperation with mobile networks. Building on previous generations of fixed networks, the 5th generation will address three main use cases, a full-fiber connection, enhanced fixed broadband and a guaranteed reliable experience.

For home scenarios, emerging services such as Cloud VR (virtual reality) and AR (augmented reality) video streaming or online gaming introduce the necessity for ultra-broadband, extremely low latency and zero packet loss. Business scenarios such as enterprise Cloudification, leased line, or POL (Passive Optical LAN) require high reliability and high security. Other industry sectors have specific requirements on the deployment of fiber infrastructures including environmental conditions such as humidity, temperature or electromagnetic interference.

Read More

Back to contents

Newcomer in European transport standardization family: JTC 20 on hyperloop systems

In a world where mobility is a cornerstone of global trade, work, tourism and leisure activities, providing efficient and safe transport infrastructure is a challenge. Connecting efficiently dense and complex cities or remotes regions requires a constant capacity of integrating new technologies. At the side of traditional game players, new actors of mobility emerge, sometimes with disruptive impact. CEN and CENELEC are engaged in facilitating the harmonized deployment of both traditional and innovative transport technologies, by improving compatibility, connectivity and sustainability.

In this context, CEN and CENELEC are proud to announce the launch of a new Joint Technical Committee, CEN/CLC/JTC 20, dedicated to hyperloop systems standardization. Hyperloop is a ground-based high-speed transportation system for passengers, living and/or non-living stock, in which vehicles are suspended through contactless means and travel inside a sealed, confined reduced pressure environment. With potential benefits on safety, time-saving, greenhouses gases emissions reduction, and economic value, this technology begins progressively to be on the spotlight.

As several European and International industries are investing in hyperloop systems with the interest of both private and public actors, European standardization is crucial to achieve a coherent roll-out of this new tool of mobility. Thanks to their extensive experience in transport standardization, CEN and CENELEC have recently been devoted to play a major role in the development of future hyperloop standards.

Read More>>

Back to contents

Consultation on baseline 5G evolution technology roadmap: H2020 EMPOWER project

The EMPOWER project launches a consultation to create and update the advanced wireless 5G technology roadmap based on the analysis of trends for Beyond 5G in the respective research, standards, and spectrum communities.

The H2020 EMPOWER project is chartered with technology road mapping on 5G evolution in the timeframe 2020-2030. The technology road mapping is targeted at supporting the wireless research community in Europe, the USA, and globally, with trends and insights pertinent to their research on 5G evolution in the short, medium and long terms. The technology roadmap is also meant to identify the demand regarding the focus of the future advanced test platforms as explored in EMPOWER.

In this context, the EMPOWER project solicits your participation in the first consultation on the initial technology road mapping activities released by the project. The aim of this consultation is to collect and analyse all inputs and feedback received from the wireless research community in order to enrich the initial roadmap. The results of the forthcoming up-dates and up-grades will be integrated in the Roadmap Version 2.0 that will be circulated in due course to the wireless research community and presented in a future workshop.

Read More

Back to contents

ETSI Issues Two Major Standards for Emergency Calls: Next Generation 112 and Advanced Mobile Location

ETSI's Emergency Communication Special Committee has recently released two major specifications, ETSI TS 103 479, for NG112, the next generation of European emergency services and ETSI TS 103 625, for the specific Advanced Mobile Location function. AML is already implemented in 22 countries worldwide following the publication of the first ETSI technical report TR 103 393.

NEXT GENERATION OF EMERGENCY CALLS: ETSI TS 103 479 specifies the core elements of the architecture for network independent access to emergency services, enabling interoperability of implementation for the Next Generation access to emergency services. Next Generation 112 (NG112) architecture enables multimedia communications (text, video, together with location or additional data) which is not possible on the current phone-based system. This will benefit citizens in emergency situations as well as emergency responders, network providers and other stakeholders.

ADVANCED MOBILE LOCATION: As more than 70% of emergency calls come from a mobile phone in Europe, the Advanced Mobile Location (AML) technology is essential to provide the most accurate location of the caller. With AML the phone's location capabilities (making use of GNSS, WIFI and cellular network information) are activated when an emergency number is dialed. The location obtained is then sent to a location endpoint managed by, or on behalf of, a national emergency service. These technologies can provide a location precision as good as 5m outdoors (and averaging to within circular areas of ~25 m radius for indoor locations), a significant improvement on existing cell coverage provided by mobile networks, which average (across the UK as an example) circular areas of about 1,75 km radius.

Read more

Back to contents

New Strategic Research Agenda on Quantum technologies

The chair of the Flagship's Strategic Advisory Board presented the new Strategic Research Agenda for the Quantum Flagship. The document aims at setting a clear direction for the future development of quantum research and innovation in Europe.

This 70-page document was drafted after a consultation with more than 2000 quantum experts across Europe over an 18-month period. It includes ambitious goals for the Quantum Flagship over the next three years, with a broader outlook for the next six to ten years.
These goals are structured around the four major applied areas of quantum technologies:
- communication;
- computing;
- simulation;
- sensing and metrology.

These four areas are anchored by a common basis in basic science and will be supported by work in cross-cutting areas like engineering and education and training.

Read more

Back to contents

ETSI Releases a Technical Report on Global Acceptance of EU Trust Services

The ETSI Technical Committee on Electronic Signatures and Infrastructures (TC ESI) is pleased to release the ETSI TR 103684 technical report. This report addresses existing trust service infrastructures that operate in different regions of the world and their possible mutual recognition/global acceptance. The report identifies ways to facilitate cross recognition between EU trust services and trust services from other schemes. The trust services are based on ETSI standards and support the eIDAS Regulation (EU) No 910/2014.

ETSI TR 103 684 concentrates on existing PKI-based trust services, the most prevalent across the world. The study analyzed 37 global, sector and national public key infrastructure schemes and involved workshops held in 4 regions of the world in Dubai, Tokyo, Mexico City and New York. The methodology covered four main elements of a trust service: legal context, supervision and audit, technical standards, and trust representation. The study highlighted a strong interest with achieving mutual recognition of trust services with the EU in all the regions of the world visited.

Read more

Back to contents

New EN 16234-1:2019 a common framework to assess ICT skills all across Europe

Technological change is changing the global economy. To continue to prosper, European businesses have to be competitive. In this context, new digital skills are a major priority for the European industry, for it to compete successfully in the global, innovation-based economy. Indeed, the global race for talent requires the European workforce to acquire high-level skills and continuously improve them to boost employability and fuel competitiveness and growth. Unfortunately, in many industries, there are still increasing skills gaps and mismatches related to digital and high-tech key enabling technologies, which reduces their ability to benefit from the opportunities of digitalisation.

Addressing this gap is the objective of recently published EN 16234-1:2019 'e-Competence Framework (e-CF) - A common European Framework for ICT Professionals in all sectors - Part 1: Framework'. The standard provides a new framework to categorise e-skills, by referencing a list of 41 competences required in the Information and Communication Technology (ICT) professional work environment, using a common language for competences, skills and proficiency levels that can be understood across Europe.

The definitions presented in the document are designed to apply to all actors involved in the ICT sector, such as ICT service companies and professionals, managers and human resource (HR) departments, vocational education institutions and training bodies, professional associations, accreditation, validation and assessment bodies, and market analysts and policy makers, providing them with a commonly recognised measure of ICT talent.

Read more

Back to contents

ETSI multi-access edge computing builds on NFV and network slicing

The ETSI Multi-access Edge Computing Industry Specification Group is pleased to announce the release of two major reports as part of its Phase 2 work. The report ETSI GR MEC 027 studies the impact of alternative virtualization technologies. The second report, ETSI GR MEC 024, examines network slicing on edge computing systems.

ETSI GR MEC 027, a report on alternative virtualization technologies, identifies the additional support that needs to be provided when MEC applications run on containers. Building on related work developed by the ETSI NFV group, it defines the usage of such technologies in a MEC environment, the impact on implementation of MEC systems and applications and the potential updates of future ETSI MEC standards. The results and conclusion of this report highlight that most of the ETSI MEC specifications are virtualization-technology agnostic; this leads to very few updates of existing standards.

ETSI GR MEC 024 identifies the MEC functionalities to support network slicing and the impact on future ETSI MEC specifications. It provides important use cases and examples of how network slicing may be addressed in edge computing systems. One of them includes the description, use case recommendations and evaluation of a network slice integrating MEC applications and using 3GPP elements. Other use cases address how you can have multiple tenants in a network slice or how efficient an end-to-end multi-slice support for MEC-enabled 5G deployments can be. Four network slicing concepts have been described and two prioritized for the time being.

Read more

Back to contents

oneM2M joins forces with the ICA to accelerate global IoT standards

oneM2M, the global standards body for the Internet of Things (IoT), has announced that it is working with the IoT Connectivity Alliance (ICA), an open STD alliance initialized by Alibaba Group, Alibaba Cloud, the data intelligence backbone of Alibaba Group, and IoT partners, to widen industry collaboration and speed up the development of universal IoT standards.

Under the agreement, the two organisations will work closely together and provide access to each other's specifications, both in draft and final form. Invitations to each of the forum's member meetings will also be extended, allowing increased collaboration between oneM2M member companies and ICA members to further advance the development of new industry standards.

Read more

Back to contents

Whitepapers/Publications

OSM Whitepaper: OSM Deployment and Integration

This whitepaper illustrates how Open Source Mano (OSM) can interwork with a Communications Service Providers (CSP)'s existing Business and Operational Support Systems (BSS/OSS) and reap many of the process automation benefits by looking at the use case of business services. This use case shows how OSM can interface with existing BSS/OSS through its northbound interface (NBI), so that network services can be orchestrated and managed by OSM can be presented to the customer through an existing BSS and/or integrated with existing business services. In the latter case, the network service orchestrated and managed by OSM can be integrated as a component of a wider service, managed by the existing BSS/OSS. Read more/Download

European Standardization in support of eCall

In an ever more digitalised and connected society, ITS supports road safety through automated and real-time communication between vehicles and emergency services. Known as 112-eCall, this communication is already saving lives. The benefits of this technology are widely acknowledged, but they can only be ensured by proper standardization. The relevant public and private actors have been working together and the development of appropriate CEN standards has already enabled the mandatory equipping of all new models of cars and light vans. Furthermore, eCall standards specifications are now also available for every other category of vehicle, enabling these to be implemented on a voluntary basis, or on mandated use where regulators deem this appropriate in order to reduce deaths and injuries. Read more/Download

ANEC and ECOS published their Work Programmes for 2020

2020 is shaping up to be a pivotal year. With the new Commission presenting new important initiatives such as the Green Deal and the new Industrial Strategy, standardization has an even bigger role to play. In this context, ANEC (*the European consumer voice in standardisation*) and ECOS (*European Environmental Citizens' Organisation for Standardisation*) have presented their Work Programmes for 2020, presenting the two organizations' priorities for the year to come.

- ECOS WP2020
- ANEC WP2020

Events Calendar 2020

Webinar: Artificial Intelligence for networks: understanding it through ETSI ENI use case
When: 17 April, 2020

The Webinar will provide a general overview of the background and ENI work, followed by a focus on the use cases with a few examples to show the benefit for network operation and management, as well as the instantiation of ENI reference architecture to address these use cases. Read more

Webinar: Overview of ETSI reference architecture for Augmented Reality solutions
When: 28 April, 2020

ISG ARF recently published the ETSI GS ARF 003 specifying a functional reference architecture for Augmented Reality (AR) solutions. It identifies key components and interfaces, and defines generic functionalities required by an AR solution. The webinar presents this reference architecture and how the ecosystem will benefit from it. Read more

OSM#9 Hackfest
When: 1-5 June, 2020
Where: London, UK

ETSI's Centre for Testing and Interoperability and the OSM community are organizing this OSM Hackfest on 1-5 June 2020. The event will be hosted by BT and Canonical in London, United Kingdom, co-located with the OSM#9 Plenary meeting, offering a great opportunity to share and learn with OSM developers and module leaders, and explore opportunities for synergies and collaboration. Read more

ETSI Security Week 2020
When: 8-11 June, 2020
Where: Sophia Antipolis, France

In 2020, the ETSI Security Week will take place on **8-11 June 2020** and we will continue gathering all stakeholders to debate different aspects of cybersecurity. Read more

NFV&MEC Plugtests 2020
When: 15-19 June, 2020
Where: Sophia Antipolis, France

The **NFV&MEC Plugtests 2020** will offer NFV and MEC solution providers and open source projects an opportunity to meet and assess the level of interoperability of their NFV and Edge solutions, while they validate their implementation of NFV and MEC specifications and APIs. Read more

MPLS + SDN + NFV World
When: 30 June-03 July 2020
Where: Paris, France

The 22nd Edition of the MPLS + SDN + NFV World Congress will once again gather major actors of service providers and enterprises networks evolution.

This year, emphasis is given to network programming (programmability, functions on demand), 5G, SR and Self Healing networks (service assurance, closed loop automation, intent-based). Read more

Joint ETSI - OAI Workshop: Open Software for 5G
When: 1-2 July, 2020
Where: Sophia Antipolis, France

ETSI and the OpenAirInterface Software Alliance (OSA) in association with EURECOM will be organizing the **Joint ETSI - OAI Workshop: Open Software for 5G**. The event has been designed to debate the vision for the role of open 5G software alongside standardization. It also intends to address matters related to obstacles and difficulties ahead. Read more

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2nd mWT Plugtests
When: 6-10 July, 2020
Where: Sophia Antipolis, France
This edition of the Plugtests event will focus on proving the ability of Software Defined Network (SDN) to operate from an end to end service point of view. Building upon the first edition held in 2019, the second mWT Plugtests event will concentrate on the advantages of using a standard Northbound Interface (NBI): the ability to leverage the vast library of existing data models, elimination of most interoperability issues, true multi-vendor/multi-technology operation. Read more

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Internet of Things India 2020
When: 7-9 July, 2020
Where: Pragati Maidan, New Delhi
ETSI is pleased to endorse the IoT India 2020 expo which will explore the impact of the Internet of Things (IoT) on industries, such as manufacturing, transport, supply chain, insurance, logistics, government, energy and automotive. With 1.9 bn devices expected to be connected in India alone, by 2025, IoT and related technologies will assume unparalleled significance. Across sectors, we will see power grids, vehicles, homes, entire cities and manufacturing floors being connected. Read more

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10-10 webinar: Standards in support of the EU Ecodesign framework
When: 11 May, 2020 (10:00 - 10:30 CEST)
The webinar intends to ensure a better understanding of the situation and aims at providing to Technical Bodies the tools and tips to ensure the smooth development of European Standards in support of the Ecodesign and Energy Labelling regulations.
Register: https://cencenelec.zoom.us/webinar/register/WN_rfwpj4AiQRmbrNT-VcJqxA
For more info, please click here

Back to contents

About Project SESEI 3

The SESEI project (Seconded European Standardization Expert in India) is a project co-funded by five European partners, operating from New Delhi, India, with the objective to increase the visibility of European standardization in India and to promote EU/EFTA-India cooperation on standards and related activities. The SESEI Project (http://sesei.eu/) is managed by the European Telecommunications Standards Institute (ETSI - http://www.etsi.org/ - EU recognized Standards Organization for Telecommunication sectors) and is further supported by two other EU recognized Standards Organization, namely the European Committee for Standardization (CEN) and the European Committee for Electrotechnical Standardization (CENELEC) – http://www.cencenelec.eu- which develop and adopt European standards in a wide range of products, services and processes, as well as by the European Commission (www.ec.europa.eu) and the European Free Trade Association (http://www.efta.int/). It is a Standardization focused project, with a priority emphasis on the sectors of ICT, Automotive, Electronic Appliances including Consumer Electronics and Smart Cities etc.