

MEDIA KIT

1

This document provides resources to request a press accreditation and download info material about the EuCNC 2017 conference to be held in Oulu, Finland on June 12-16, 2017.

*Your contact for
requesting your EuCNC2017 press accreditations,
EuCNC2017 logos and other pictures or
for any additional requests:*

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1. An introduction to EuCNC 2017

EuCNC 2017 is the 26th edition of a successful series of a technical conference in the field of telecommunications, supported by the European Commission. The conference focuses on aspects like 5G communications systems and networks, cloud platforms, management technologies, and applications and services. It targets to bring together researchers from all over the world to present the latest research results, and it is one of the main venues for showcasing, demonstrating and trialling the results of research projects, especially, from successive European R&D programmes co-financed by the European Commission.

2. Organizer

This edition of the conference is organised by the University of Oulu / Centre for Wireless Communications, via the Coordination and Support Action EuConNeCts2, Project H2020-ICT-2014-1/645 028, funded by the European Commission

MEDIA KIT

2

3. Press release

MEDIA RELEASE IN ENGLISH

We welcome your media representative to attend the EuCNC 2017 conference program and visit the demo show.

EuCNC 2017 conference presents the results of global 5G development

The 5G-themed international EUCNC2017 conference will be held in Oulu, Finland, from 12 to 15 June. The world-wide major scientific conference is hosted by the Centre for Wireless Communications (CWC) of the University of Oulu.

Supported by the European Commission, the 26th EUCNC (European Conference on Networks and Communications) will bring together over 500 top executives and experts from the global 5G research and industry. The event center is the monumental area around Oulu Market place consisting of the Oulu City Theater, the Oulu City Library and the Radisson Blu Oulu Hotel.

The conference presents a wide range of 5G latest trends and research results. The conference will open the content of the European ICT Research Agenda for future years, as well as present the most important and topical EU-funded 5G projects.

"The theme of the conference, 5G - European Roadmap, Global Impact, emphasizes the global impact of the event. For Finland, the conference is a unique opportunity to pave the way for the 5G development. The event, for example, demonstrates for the first time the services developed for the 5G networks through the 5G test network built in Oulu", informs Matti Latva-aho, Academy Professor at the Center for Wireless Communications Research Center at the University of Oulu.

The program features five keynote speeches, three panel discussions and nearly 200 scientific lectures. In addition, Oulu City Theater is home to a demonstration of about 40 exhibition booths.

The active industry participation in the conference is highly appreciated by the organizers:

"All the major equipment manufacturers will be represented. Telecommunications industry has a strong presence in both demo show as well as keynote and panel sessions", Latva-aho says.

The conference will be opened by Tekes President Pekka Soini, the Finnish Minister of Communications and Transport Anne Berner and Director of EU DG Connect Pearse O'Donohue.

On the day before the official opening, Tekes hosts a workshop specifically targeted at companies, which will be held on Monday 12 June at the University of Oulu, Linnanmaa campus. There are also eight other workshops and four tutorial intensive courses available for the registered participants for the EuCNC 2017 at the university at the time.

In addition to Tekes and Oulu, the event partners include Nokia, Huawei, Ericsson, Keysight, Rohde & Schwarz and National Instruments.

MEDIA KIT

3

The conference has an IEEE conference status, and all peer-reviewed presentations are published in IEEE Explorer data base.

Conference homepage: <http://www.eucnc.eu/>

Conference on social media: @EuCNC

Conference Video: <https://www.youtube.com/watch?v=p53kaY64A0s>

Additional information: Prof. Matti Latva-aho, University of Oulu, Centre for Wireless Communications, matti.latva-aho@oulu.fi, +358 294 48 28 47

MEDIATIEDOTE SUOMEKSI

EuCNC-konferenssi esittelee maailmanlaajuisen 5G-kehityksen tuloksia

Oulussa järjestetään 5G-aiheinen kansainvälinen EUCNC2017-konferenssi 12.-15. kesäkuuta 2017.

Ensimmäistä kertaa Suomessa järjestettävää maailmanlaajuisesti merkittävää tieteellistä konferenssia isännöi Oulun yliopiston tietoliikenteen yksikkö Centre for Wireless Communications (CWC).

Toivotamme medianne edustajan tervetulleeksi seuraamaan konferenssiohjelmaa ja tutustumaan demonäyttelyyn.

Euroopan Komission tukema, järjestyksessään 26. EUCNC (European Conference on Networks and Communications) –konferenssi tuo Suomeen jopa yli 500 kärkevaikuttajaa ja asiantuntijaa maailmanlaajuisen 5G-tutkimuksen ja -teollisuuden huipulta. **Tapahtumakeskuksen muodostavat Oulun torin ympärillä sijaitsevat kaupunginteatteri, kaupunginkirjasto ja Radisson Blu Oulu –hotelli.**

Konferenssi esittelee monipuolisesti 5G:n viimeisimpiä kehityslinjoja ja tutkimustuloksia. Konferenssissa avataan eurooppalaisen ICT-tutkimusagendan sisältöä tuleville vuosille, sekä esitellään merkittävimmät ja ajankohtaisimmat EU-rauhotteiset 5G-hankkeet.

”Konferenssin teema 5G – European Roadmap, Global Impact korostaa tapahtuman maailmanlaajuisesta vaikuttavuudesta. Suomelle konferenssi on ainutlaatuinen mahdollisuus paaluttaa asemaansa 5G-kehityksen kärjessä. Tapahtumassa muun muassa demonstroidaan ensimmäistä kertaa Oulussa rakennetun 5G-testiverkon avulla 5G-verkkoihin kehitettyjä palveluita,” kertoo konferenssin ohjelmasta ja järjestelyistä vastaava akatemiaprofessori Matti Latva-aho.

Ohjelmassa on viisi keynote-puhetta, kolme paneelikeskustelua sekä lähes 200 tieteellistä esitelmää. Pää tapahtumapaikalle Oulun kaupunginteatterille rakentuu lisäksi noin neljäkymmentä osastoa käsittävä demonäyttely.

”Paikalla ovat kaikki keskeiset laitevalmistajat. Teollisuudella on vahva edustus sekä demonäyttelyssä että keynote-sessioissa ja paneelikeskusteluissa,” Latva-aho sanoo.

Konferenssin avajajina ovat Tekesin pääjohtaja Pekka Soini, viestintä- ja liikenneministeri Anne Berner ja EU:n DG Connectin johtaja Pearse O’Donnohue.

Avajaisia edeltävänä päivänä Tekes isännöi kaikille avointa erityisesti yrityksille suunnattua workshopia, joka järjestetään maanantaina 12.6. Oulun yliopiston Linnanmaan kampuksella. Konferenssiin rekisteröityneille osallistujille on tuolloin tarjolla yliopistolla myös kahdeksan muuta workshopia ja neljä tutorial-intensiivikurssia.

MEDIA KIT

4

Tekesin ja Oulun yliopiston lisäksi tapahtuman yhteistyökumppaneita ovat Nokia, Huawei, Ericsson, Keysight, Rohde&Schwarz ja National Instruments.

Konferenssilla on IEEE-konferenssin status eli kaikki vertaisarvioinnin kautta hyväksytyt esitelmät julkaistaan maailman suurimman teknillisen organisaation IEEE:n sähköisessä tietokannassa (IEEE Explorer).

Konferenssin kotisivu: <http://www.eucnc.eu/>

Konferenssi sosiaalisessa mediassa: @EuCNC

Konferenssin esittelyvideo: <https://www.youtube.com/watch?v=p53kaY64A0s>

Lisätietoja: Prof. Matti Latva-aho, Oulun yliopisto, Centre for Wireless Communications, matti.latva-aho@oulu.fi, p. +358 294 48 28 47

4. Conference Programme

The Final Programme PDF http://www.eucnc.eu/files/2017/Programme/EUCNC2017_PROGRAMME_final.pdf (5MT)

The programme overview on the web page <http://www.eucnc.eu/?q=node/69>

MON 12 JUNE:	Workshops and Tutorials at the University of Oulu Campus
TUE 13 JUNE:	Opening session with two keynote speeches, Panel Discussion, Poster Session Technical Presentations, Demo Exhibition (City Reception)
WED 14 JUNE:	Technical Presentations, Panel Discussion, Poster Session, Demo Exhibition (Gala Dinner with After-Party)
THU 15 JUNE:	Technical Sessions, Panel Discussion, Closing Session

5. Other 5G- and EU-events in Oulu during 10-16 June, 2017

SAT 10 – MON 12 JUNE	5GFWD Hackathon, University of Oulu http://www.5gfwd.org
TUE 13 JUNE	Public 5G demonstration where visitors are able to interact with virtual and augmented reality gadgets showcasing the 5G speeds - <i>Venue: Oulu Market Place</i>
WED-THU 14-15 June	2nd Arctic Economic Council's Top of the World Arctic Broadband (TOW) Summit <i>Venue: Madetoja Music Center</i>
THU-FRI 15-16 June	A sustainable Arctic – innovative approaches - a high-level conference co-organized by the European Commission, European External Action Service, and the Ministry for Foreign Affairs of Finland - <i>Venue: Madetoja Music Center</i>

[BusinessOulu Press Release](#) "Oulu, the home of 5G hosts EuCNC and world's first 5G hackathon"

BusinessOulu's press release [in Finnish](#)

6. Keynote Speakers and Bios

KEYNOTE 1: The Future X Network and the Next Industrial Revolution

Tuesday, 13 June 2017, 9:00-11:00, Room Theatre Big Stage

Peter Vetter (Head of Access Lab, Nokia Bell Labs, USA)

Abstract

In this talk, we will present how the future digital fabric will create time by the automation of everything. We will discuss how this transformation will be driven by enterprise applications and why low latency will be absolutely critical. This leads to the vision of a new edge cloud integrated network architecture.

CV

Peter Vetter is Head of Access Lab in Nokia Bell Labs and Bell Labs Fellow. He is globally responsible for research in Nokia on wireless and wireline access technologies. He received the degree of Physics Engineer from Gent University (Belgium) in 1986 and a PhD in 1991. After a post-doctoral fellowship at Tohoku University (Japan), he joined the research center of Alcatel (now Nokia) in Antwerp in 1993. Since 2009, he works at Bell Labs in Murray Hill, New Jersey. Early in his career, he has been the initiator and leader of several EU projects, including the FP6 MUSE project, which was one of the largest integrated projects in broadband and converged access with 36 partners and a total budget of 60 Million Euro from 2004-2008. He was also co-founder of an internal venture that produced the first FTTH product in Alcatel. Under his leadership, he and his teams have realized several world-first system demonstrations in access. He has authored or co-authored over a hundred international papers, including several invited and tutorials.

MEDIA KIT

6

KEYNOTE 2: An industry view on 5G potential and trends

Wednesday, 14 June 2017, 9:00-10:30, Room Theatre Big Stage

Kari Leppänen (Director, 5G Radio Network Technology, Huawei, Finland)

Abstract

The presentation will give an overview what industry considers currently as 5G and what it can become. It will elaborate on the requirements for both 5G applications, namely for broadband and for IoT communication and will discuss some new services, such as positioning. Moreover it will cover the important role of densification in 5G, look at some 5G spectrum considerations and consider the essential role that 5G networks will have in future smart city. In order to give an impression about the performance of 5G, results from tests in V2X and I4.0 applications will be presented. Finally some recommendations for future work are given.

CV

Kari Leppänen graduated from Helsinki University of Technology, Finland, with the Master Degree in 1992 and Ph. D. degree in 1995, majoring in Space Technology and Radio Engineering. After graduation he has worked in National Radio Astronomy Observatory (U.S.A.), Helsinki University of Technology (Finland), Joint Institute for VLBI in Europe (the Netherlands) and Nokia (Finland). In Nokia he had several responsibilities, among other things leading the Nokia 4G research program in 2002-2004. Dr. Leppänen chaired the GIGA Converging Networks technology research program of Finnish Funding Agency for Technology and Innovation in 2005-2010. Currently he leads the 5G Radio Network Technologies research at Huawei in Sweden and Finland. He is based in Helsinki.

MEDIA KIT

7

KEYNOTE 3: 5G: a data fuelled journey towards smart services

Wednesday, 14 June 2017, 9:00-10:30, Room Theatre Big Stage

Ian Oppermann (CEO NSW Data Analytics Centre, Australia)

Abstract

As physical layer technologies have improved, mobile networks have evolved to become ever more reliable, scalable and ubiquitous. Modern networks are capable of reliably offering a wide range of data rates and service qualities, supporting devices ranging from the very high speed to tiny Internet-of-Things devices. The reliability and ubiquity of physical layer technology is driving a change in thinking to the point where mobile networks are data networks. The change unleashes a new world of possibilities. This presentation will provide a data driven perspective of modern mobile networks as an enabler of smart services, and offer up a challenge which must be addressed by all players in the new digital world.

CV

Ian Oppermann is the NSW Government's Chief Data Scientist and CEO of the NSW Data Analytics Centre. Ian has 25 years' experience in the ICT sector and, has led organizations with more than 300 people, delivering products and outcomes that have impacted hundreds of millions of people globally. He has held senior management roles in Europe and Australia as Director for Radio Access Performance at Nokia, Global Head of Sales Partnering (network software) at Nokia Siemens Networks, and then Divisional Chief and Flagship Director at CSIRO. Ian is considered a thought leader in the area of the Digital Economy and is a regular speaker on "Big Data", broadband enabled services and the impact of technology on society. He has contributed to 6 books and co-authored more than 120 papers which have been cited more than 3200 times. Ian has an MBA from the University of London and a Doctor of Philosophy in Mobile Telecommunications from Sydney University. Ian is a Fellow of the Institute of Engineers Australia, a Fellow of the IEEE, a Fellow of the Australian Academy of Technological Sciences and Engineering, is Vice President of the Australian Computer Society, and a graduate member of the Australian Institute of Company Directors. Ian is also president of the Australia National Committee of the IEC and president of the JTC1 strategic advisory committee in Australia.

MEDIA KIT

8

KEYNOTE 4: 5G Operator View – trials to make 5G tangible

Tuesday, 13 June 2017, 9:00-11:00, Room Theatre Big Stage

Antje Williams (Manager 5G Programme, Deutsche Telekom, Germany)

Abstract

5G started with a vision beyond new radio i.e the standard version would not be defined by new access technology . Are we following that path? Looking at LTE Rel. 15 – what can we deliver? Delivery to the verticals will probably need some time. To fulfill our original vision – what can be done jointly?

CV

Antje Williams is appointed as Executive Program Manager for 5G since Jan, 2015. The 5G program within Deutsche Telekom is a holistic approach and aligns and drives all activities around 5G within the company including Architecture, Business, Standardization, Industry fora like NGMN, GSMA, European initiatives as 5GPPP, Finance, Communication and the 5G:haus (Telekom's test bed for 5G). Deutsche Telekom has a leading role within the operator community developing a vision of 5G. In order to drive architecture and standardization Deutsche Telekom participates actively in different foras and demonstrated some core technologies of future 5G technologies in field trials and demos. Prior to this role Antje became Head of Inflight Connectivity and Managing Director of T-Mobile HotSpot GmbH (subsidiary of Deutsche Telekom). She was responsible offering Wifi access on board of 15 airlines (in 2014). Before joining the Inflight Team Antje was Head of Sales for the national Wholesale Department in Southern Germany for five years. She was responsible for the fixed line business with customers as Telefónica Germany, Kabeldeutschland, BT Germany among others. Antje started in 2001 in the Legal Department of Deutsche Telekom.

MEDIA KIT

9

KEYNOTE 5: 5G in reality

Wednesday, 14 June 2017, 9:00-10:30, Room Theatre Big Stage

Mikael Höök (Director Radio Research, Ericsson, SE)

Abstract

We are currently transforming 5G from a bold vision to a concrete reality. In this presentation we will give an overview of the industrialization status of 5G. Focus will be on the NR air-interface that is currently being standardized in 3GPP. The key characteristics of 5G and its abilities to expand mobile communication into new application areas will be discussed. We will show proof-points of what 5G will be able to deliver, both from technology and industry perspective. Finally, views on open areas and the way forward will be given.

CV

Mikael Höök received his M.Sc. Degree in Electronic Engineering from the Royal Institute of Technology in Stockholm. He has 20 years of experience in the areas of research and standardization of wireless technologies. Mikael Höök has been Head of Radio Access Technologies at Ericsson Research since 2007. He is based in Kista, Stockholm, and the responsibility covers research of air-interface design, advanced signal processing, multi-antenna systems, radio network performance, propagation, and RF design. Results are fed into standardization, regulation and product development. Höök has been involved in the research and standardization of 2G, 3G, 4G and now 5G radio access.

7. Rates

Registration Fees in 13 categories vary from One Day Registration (€ 100) to Global Full Registration (€780). Accredited media representatives are given free entrance. More information on rates at <http://www.eucnc.eu/?q=node/101>

8. Previous Conferences

(from <http://www.eucnc.eu/?q=node/88>)

1. RACE Mobile Telecommunications Workshop 1992, Nuremberg, Germany, 5-6 May 1992 (Renamed as 1st RACE Mobile Summit)
2. RACE Mobile Workshop '93, Metz, France, 16-18 June 1993 (Renamed as 2nd RACE Mobile Summit)
3. RACE Mobile Workshop '94, Amsterdam, The Netherlands, 17-19 May 1994 (Renamed as 3rd RACE Mobile Summit)
4. RACE Mobile Telecommunications Summit, Cascais, Portugal, 22-24 Nov. 1995 (Renamed as 4th RACE Mobile Summit)
5. 1st ACTS Mobile Telecommunications Summit, Granada, Spain, 27-29 Nov. 1996 (Renamed as 5th ACTS Mobile Summit)
6. 2nd ACTS Mobile Telecommunications Summit, Aalborg, Denmark, 7-10 Oct. 1997 (Renamed as 6th ACTS Mobile Summit)
7. 3rd ACTS Mobile Telecommunications Summit, Rhodes, Greece, 8-11 June 1998 (Renamed as 7th ACTS Mobile Summit)
8. 4th ACTS Mobile Communications Summit, Sorrento, Italy, 8-11 June 1999 (Renamed as 8th ACTS Mobile Summit)
9. IST Mobile Communications Summit 2000, Galway, Ireland, 1-4 Oct. 2000 (Renamed as 9th IST Mobile Summit)
10. IST Mobile Communications Summit 2001, Barcelona, Spain, 9-12 Sep. 2001 (Renamed as 10th IST Mobile Summit)
11. IST Mobile & Wireless Telecommunications Summit 2002, Thessaloniki, Greece, 17-19 June 2002 (Renamed as 11th IST Mobile Summit)
12. IST Mobile & Wireless Communications Summit 2003, Aveiro, Portugal, 15-18 June 2003 (Renamed as 12th IST Mobile Summit)
13. 13th IST Mobile & Wireless Communications Summit, Lyon, France, 27-30 June 2004
14. 14th IST Mobile & Wireless Communications Summit, Dresden, Germany, 19-23 June 2005
15. 15th IST Mobile & Wireless Communications Summit, Mykonos, Greece, 4-8 June 2006
16. 16th IST Mobile & Wireless Communications Summit, Budapest, Hungary, 1-5 July 2007
17. [17th ICT Mobile Summit, Stockholm, Sweden, 10-12 June 2008](#)
18. [18th ICT Mobile Summit, Santander, Spain, 10-12 June, 2009](#)
19. [19th Future Network and Mobile Summit, Florence, Italy, 16-18 June 2010](#)

MEDIA KIT

11

20. [20th Future Network and Mobile Summit, Warsaw, Poland, 15-17 June 2011](#)
21. [21st Future Network and Mobile Summit, Berlin, Germany, 4-6 July 2012](#)
22. [22nd Future Network and Mobile Summit, Lisbon, Portugal, 3-5 July 2013](#)
23. [23rd European Conference on Networks and Communications, EuCNC 2014, Bologna, Italy, 23-26 June 2014](#)
24. [24th European Conference on Networks and Communications, EuCNC 2015, Paris, France, 29 June / 2 July 2015](#)
25. [25th European Conference on Networks and Communications, EuCNC 2016, Athens, Greece, 27-30 June 2016](#)

9. Video Streaming and video interviews

The live streaming schedule is as follows (local time +3 OTC):

TUESDAY: 09:00-11:00 Opening Session and Keynotes
14:30-16:00 Panel 1

WEDNESDAY: 09:00-10:30 Keynotes
14:00-15:30 Panel 2

THURSDAY: 11:00-12:30 Panel 3
12:30-13:30 Closing Session

After the conference, recordings of these sessions will be posted on the website.

10. Contact information

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**Social Media: #EuCNC (Facebook, Twitter, LinkedIn, Instagram during the conference)
@NetTechEU**

Latest news also published via Conference4Me – the official EuCNC2017 mobile application including the complete programme directly in a phone or tablet with the opportunity to create an individual agenda. The app is available for Android, iOS and Windows Phone devices. Download of mobile app via <http://conference4me.eu/download> or type 'conference4me' in Google Play, iTunes App Store or Windows Phone Store.