



# 5GENESIS Newsletter January-March 2019 Issue 3

5GENESIS website: [www.5genesis.eu/](http://www.5genesis.eu/)

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## Issue Highlights

The third issue of the 5GENESIS newsletter presents the project activities and achievements during the period January-March 2019. This issue focuses on the latest 5GENESIS dissemination and communication activities, the deliverables that have been published as well as the fourth general assembly meeting's details which took place in the University of Malaga, in March 2019.

### 5GENESIS activities in numbers:

- One Journal Paper
- Two Workshop Papers
- Five Presentations and Other Dissemination Events
- One Article in Newspapers and Journals
- Ten Upcoming Events and Call for Papers
- Eight Deliverables



### Communication Channels



<http://www.5genesis.eu>

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## Dissemination and Communication Activities

Dissemination and Communication Activities of 5GENESIS during January - March 2019, cover a great number of initiatives such as publications, participation in conferences and workshops, presentations, several dissemination events and preparation/planning of upcoming events.

### Papers in Journals

The University of Malaga paper entitled “An End-to-End Automation Framework for Mobile Network Testbeds” was accepted for publication in the upcoming issue of the Mobile Information Systems Journal.



### Papers in Workshops

The 5GENESIS paper entitled “The 5GENESIS testing facility as an enabler for integrated satellite/terrestrial 5G experimentation” was accepted in the 2019 Satellite-Terrestrial Interworking Workshop of WCNC 2019 which will take place in the 14th of April, 2019 in Marrakech. Find more [info](#).

Eurecom paper entitled “The OpenAirInterface 5G New Radio Implementation: Current Status and Roadmap” was accepted in WSA 2019, 23rd ITG Workshop on Smart Antennas, Demo Session, 24-26 April 2019.

### Other Events - Presentations

#### **E-WORLD Innovation Fair (4-6/02/2019, Essen, Germany)**

Universitat Politècnica de València participated in the E-WORLD Innovation Fair and through its booth communicated 5GENESIS objectives and characteristics to industrial companies related to energy and water management services.



*Universitat Politècnica de València in the E-WORLD Innovation Fair*

#### **MWC 2019 (25-28/02/2019, Barcelona, Spain)**

Nemergent Solutions participated in MWC 2019 with a booth in the Spanish pavilion where besides its technology and mission critical solutions, the 5GENESIS project was presented and introduced to interested customers and vertical users.



*Nemergent Solutions participated in MWC 2019*

#### **BAPCO 2019 and CCE 2019 (12-14/03/2019, Coventry, UK)**

Nemergent Solutions participated in BAPCO 2019 and CCE 2019 with a booth where besides its technology and mission critical solutions, the 5GENESIS project was presented and introduced to interested customers and vertical users.



*Nemergent Solutions participated in BAPCO 2019 and CCE 2019*

## EGALEO Smart City 2020-2030 Event (18/03/2019, Athens, Greece)

The Town Hall of Egaleo hosted the Egaleo Smart City 2020-2030 event which was organized by the Municipality of Egaleo and took place in the Town Hall of Egaleo in March 18th, 2019. This event focused on 5G future and innovations as well as on 5GENESIS project.



## Dr. Kourtis presented 5GENESIS at EGALEO Smart City 2020-2030 (18/03/2019, Athens, Greece)

Dr. Anastasios Kourtis (NCSR\_Demokritos) presented the 5GENESIS Project in the Egaleo Smart City 2020-2030 event which was organized by the Municipality of Egaleo and took place in the Town Hall of Egaleo in March 18th, 2019.



*Dr. Anastasios Kourtis presenting 5GENESIS Project at the Egaleo Smart City 2020-2030 event*

## Magazines/Newspapers

### La Opinion de Malaga (13/03/2019)

Malaga local news media “La Opinion de Malaga” promotes the 4<sup>th</sup> plenary meeting of 5GENESIS highlighting the importance of 5G for Malaga city and the achievements that 5GENESIS project will accomplish in five 5G European cities/platforms. Read more about this [article](#) (in Spanish).

**La Opinión** DE MÁLAGA

## Upcoming Events

### IEEE WCNC 2019 (15-18/04/2019, Marrakech, Morocco)

- 5GENESIS co-organizes with Sat5G and 5GALLSTAR projects, the ‘Satellite-terrestrial interworking: a pillar of forthcoming 5G systems’ workshop in IEEE WCNC. Find more [info](#).
- 5GENESIS co-organizes with ULTRAWAVE and 5G-MiEdge projects, the “2nd Workshop on Economics and Adoption of Millimeter Wave Technology in Future Networks” in IEEE WCNC. Find more [info](#).



### 5G Forum (24-25/04/2019, Malaga, Spain)

The 5GENESIS Project participates as sponsor in the 5G forum event which takes place in Malaga where 5GENESIS concepts and achievements will be promoted. Read more about the event in <https://www.5gforum.es/en/>



## IEEE INFOCOM, IEEE International Conference on Computer Communications (29/04 - 2/05/2019, Paris, France)

Karlstad University participates in Infocom 2019 Panel A: Smart Networks: What is Next?, promoting 5GENESIS accomplishments. Find more [info](#)



## International Microwave Symposium - IMS2019 (2-7.06, Boston, Massachusetts)

INTEL will present on eMBB and mmWaves topics of the IMS2019 focusing on the Corresponding aspects of 5GENESIS



## EuCNC 2019 (17-21/06/2019, Valencia, Spain)

- 5GENESIS Workshop “3th Workshop on business models and techno-economic analysis for 5G networks” co-organized with the projects 5GCity, 5G-MiEdge, 5G-VINNI, 5G-AuRA, BlueSPACE and 5G-MoNArch.
- 5GENESIS Special Session “Validating and Demonstrating the Satellite Integration into 5G” co-organized with SaT5G, 5G-VINNI, SATis5, S45G - Satellite for 5G, SHINE and VIBES projects



## IEEE NetSoft 2019 (24-28/06/2019, Paris, France)

5GENESIS co-organises with ASTRID, SPEAR, CYBER-TRUST, REAC and SHIELD Projects the “1st International Workshop on Cyber-Security Threats, Trust and Privacy Management in Software-defined and Virtualized Infrastructures (SecSoft)” at 5th IEEE International Conference on Network Softwarization



## 5GENESIS Call for papers

### 3rd Workshop on Mobile Network Measurement – MNM’19 (17/06/2019, Paris, France)

Karlstad University organizes the 3rd Workshop on Mobile Network Measurement (MNM’19) at TMA Conference 2019 in June 17, 2019. Call for papers [info](#)



### IEEE 5G World Forum (30/09 - 2/10/2019, Dresden, Germany)

The 5GENESIS project co-organizes with the rest ICT-17 projects the 2nd workshop on 5G-Trials - From 5G Experiments to Business Validation adjunct with IEEE 5G World Forum. Call for papers info:

<http://sites.ieee.org/wf-5g/from-5g-experiments-to-business-validation/>





## Deliverables

Eight deliverables have been published in the period January-March 2019 referring to the initial planning of tests and experimentation of the 5GENESIS project, innovation and exploitation activities as well as the first release of 5GENESIS platforms and portable demonstrator details.

### Deliverables (Public)

- **D2.3 Initial planning of tests and experimentation:** This document is the third technical deliverable of the 5GENESIS project, and contains work conducted in the WP2 of the project, complementing the content of deliverables D2.1 and D2.2. Specifically, this document serves as a reference point for WP3 activities, where the key components of this experimentation methodology will be implemented, and for WP6 activities, where the 5G KPIs will be evaluated.
- **D7.8 Innovation and exploitation activities** This deliverable focuses on the activities of the innovation program run within the consortium over the first 6 months of 5GENESIS as well as exploitation related activities and plans of 5GENESIS consortium/partners.

### Deliverables (Confidential)

At the end of March (M9), six confidential deliverables were released with the five of them focused on 5GENESIS platforms/locations (D4.1, D4.4, D4.7, D4.10 and D4.13) which describe the architecture of each platform and report their current status/achievements, and the sixth deliverable focused on the 5GENESIS portable demonstrator (D4.16).

In detail, these deliverables provide a summary of each of the components/sites that will form the corresponding platforms (Athens, Malaga, Limassol, Surrey, Berlin, Portable 5G Demonstrator). They initially present the platforms instantiation as expected by the end of the project and then report the current status (platforms release A) resulted after the first integration cycle of the project.

- D4.1 Athens Platform (release A)
- D4.4 Malaga Platform (release A)
- D4.7 Limassol Platform (release A)
- D4.10 Surrey Platform (release A)
- D4.13 Berlin Platform (release A)
- D4.16 Portable 5G Demonstrator (release A)

### Upcoming 5GENESIS deliverables (April-June 2019)

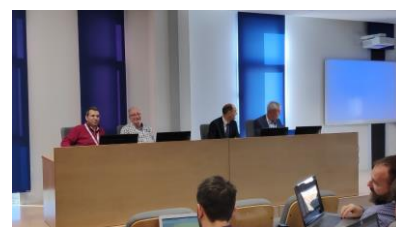
- D6.1 Trials and experimentation (cycle 1)
- D7.2 Dissemination, communication and ecosystem engagement activities
- D7.5 Standardisation and regulation

If you wish to learn more about 5GENESIS deliverables you may visit 5GENESIS website on the corresponding Deliverables page <http://www.5genesis.eu/deliverables/>

# General Assembly Meetings

## Fourth Plenary Meeting

The 4th plenary meeting of 5GENESIS took place at the premises of the University of Malaga, Spain from the 13th to 15th March 2019. The partners met in order to evaluate progress and plan the next steps of the project. The objective of this meeting was to discuss actions already taken and through fruitful discussions to plan the new actions that will be taken.



### Communication Channels



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### Contact Information

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