

Welcome to the PREDICT-6G newsletter!

We foresee to change the networking paradigm by creating a deterministic 6G network:
reliable, time sensitive and predictable.
How are we doing it? Keep reading!

2024 EuCNC & 6G Summit



The **2024 EuCNC & 6G Summit** took place from 3 to 6 of June in Antwerp, Belgium. Bringing together cutting-edge research, trailblazing innovators, and world-renown companies, the event has become a **reference in the telecommunications sector**. Over 50 exhibitors and 900 participants across 40 countries attest to the relevance of the conference.

PREDICT-6G was determined to repeat the 2023 success in this new edition. A delegation comprising team members from different consortium partners arrived in Antwerp, ready to support the different project activities and to share and discuss the developments of the past year. Project members attended the numerous keynotes, panels, sessions, and tutorials, whilst seizing the networking opportunities during the social activities included in the programme.

[Find out all about ECNC](#)

INTERNATIONAL EVENTS



IEEE Wireless Communications and Networking Conference (WCNC)

By Valerio Frascolla

The [IEEE Wireless Communications and Networking Conference \(WCNC\)](#) 2024, with the theme “Wireless Communications for Growing Opportunities”, took place from 21-24 of April 2024 in Dubai, United Arab Emirates. The 2024 edition presented a full programme of high quality, including technical sessions, tutorials and workshops, as well as technology and industry panels.

Dr. Valerio Frascolla, Director of Research and Innovation at Intel and **PREDICT-6G Innovation Manager** & consortium Lead of the Work Package “Impact Creation”, was invited to provide his contributions on two consecutive days of the Industry Program of the WCNC conference. On the first day of the conference, **PREDICT-6G** also participated in the [6GARCH: the 3rd workshop on 6G Architecture](#) with the presentation of two papers.

[Read his article](#)



SNS Stream B/D Projects Workshop on KPIs and KVI

In May 2024, **PREDICT-6G** participated in the “[SNS Stream B/D Projects Workshop on KPIs and KVI](#)” organised by the SNS Technology Board. In the first session, Stream D projects discussed the requirements (KPIs) from UCs large-scale trials and validation methodology (KVI), whilst in the second session Stream B projects shared their perspectives on technology highlights on target performances (KPIs) and impacts (KVI).

[Discover more](#)



IEEE International Conference on Computer Communications

IEEE International Conference on Computer Communications ([IEEE INFOCOM](#)) took place from 20 – 23 May in Vancouver, Canada. IEEE INFOCOM is a top-ranked conference on networking in the research community. Consortium member Politecnico di Torino participated in INFOCOM with **two papers presented at the main conference**.

[Discover more](#)



International Federation for Information Processing (IFIP) Networking 2024 Conference

The [International Federation for Information Processing \(IFIP\) Networking 2024](#) Conference was held from 3 to 6 June in Thessaloniki, Greece. The main objective of this year's edition was to **bring together academic and industrial experts of the networking community to discuss the most recent advances** in networking, to highlight key issues, identify trends, and develop a vision of the future Internet from a design, deployment and operation standpoints.

PREDICT-6G was part of the IFIP Networking Conference with a **paper authored by Luis Velasco and Marc Ruiz** from Universitat Politècnica de Catalunya, among others, titled **“Provisioning of Time-Sensitive and non-Time-Sensitive Flows: from Control to Data Plane”**. It was presented by Marc at the 4th International Workshop on Time-Sensitive and Deterministic Networking (TENSOR) 2024.

[Discover more](#)



PREDICT-6G attends the ICC 2024

The IEEE International Conference on Communications (ICC) 2024, focused on “Scaling the Peaks of Global Communications”, took place on 9-13 June 2024 in Denver, Colorado, United States of America. PREDICT-6G was at the “**Edge Learning Over 5G Mobile Networks and Beyond**” workshop, where Giuseppe Di Giacomo, from Politecnico di Torino (POLITO), presented the paper “**Generosity Pays Off: A Game-Theoretic Study of Cooperation in Decentralized Learning**”.

[Discover more](#)

6G PROGRAMMABLE DETERMINISTIC WEBINAR SERIES

Funded by the European Union

ARCHITECTURAL ENHANCEMENTS FOR 6G PROGRAMMABLE AND DETERMINISTIC NETWORKS



PETER SZILAGYI
(NOKIA)

Multi-domain deterministic service management architecture



CHRYSA PAPAGIANNI (UNIVERSITY OF AMSTERDAM)

Towards extreme network KPIs with deep programmability in 6G



JOACHIM SACHS
(ERICSSON)

5G latency analysis and possible improvements



GOURAV PRATEEK SHARMA
(KTH)



Date
14 June, 2024



Time
10:00 am - 12:45 Am

[REGISTER NOW](#)







The 6G Programmable Deterministic Webinar Series: #1 Architectural Enhancements for 6G Programmable and Deterministic Networks

The “6G Programmable Deterministic Webinar Series” was launched on the 14 of June 2024, a collaborative initiative between PREDICT-6G, DESIRE6G, and DETERMINISTIC6G. The first webinar, titled “Architectural Enhancements for 6G Programmable and Deterministic Networks” featured Peter Szilagyi from Nokia, Chrysa Papagianni from the University of Amsterdam, Joachim Sachs from Ericsson, and Gourav Prateek Sharma from KTH. This was followed by a panel discussion on the topic.

[Watch the webinar](#)

CALL FOR PAPERS



Upcoming event

6G-PDN 2: MobiCom 2024

CALL FOR PAPERS

2nd workshop on 6G Programmable Deterministic Networking with AI (6GPDN)

Paper Submission 19 JULY

acm sigmobile

DETERMINISTIC6G DESIRE6G PREDICT6G

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Call for papers: MobiCom 2024

In the scope of the [MobiCom 2024](#) -The Annual International Conference on Mobile Computing and Networking- which will be held on the 18-22 of November in Washington DC, **DESIRE6G**, **DETERMINISTIC6G** and **PREDICT-6G** will co-organise the 2nd workshop on 6G Programmable Deterministic Networking with AI (6G-PDN 2). In preparation for the workshop, the projects have launched a **call for papers** that contribute to the advancement of 6G network research. **Paper Submission deadline is July 19, 2024**

[Submit your paper](#)

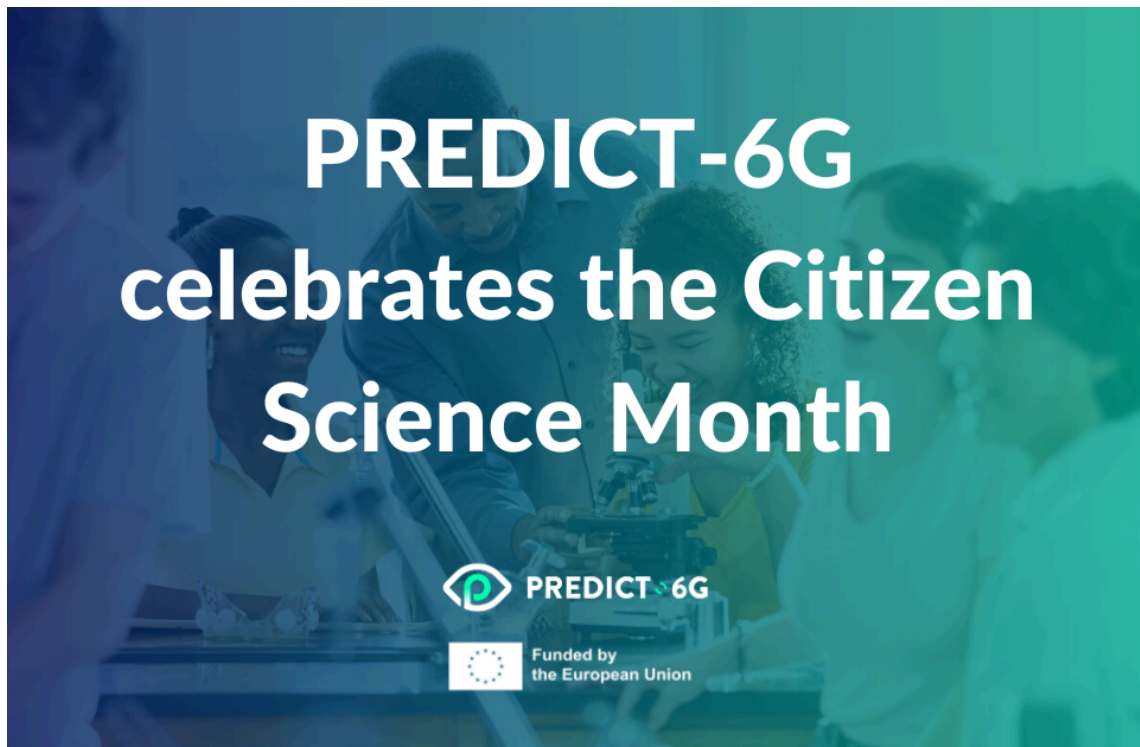


PREDICT-6G's plenary meeting in Antwerp

On the 6th of June, the **PREDICT-6G Consortium** gathered for its first plenary meeting of 2024 in Antwerp, Belgium. The consortium reviewed the status of the work packages, with particular emphasis on those that by their technical nature constitute the core of **PREDICT-6G**. The integration of the feedback received during the mid-term project review was also further discussed, which together with the exchanges in the

plenary meeting about various aspects of the work ahead, yielded a clear **roadmap for the last year of the project**.

[Discover more](#)



Campaign: Citizen Science Month

Setting a common understanding on these concepts is therefore essential to efficiently communicate about the different activities carried out by the project team, inviting the participation of the community as well as the society at large into the research. With this in mind, **PREDICT-6G joined the Citizen Science Month with a social media campaign shedding light on some of the most common concepts used in the project**

[Discover more](#)

UPCOMING EVENTS



PREDICT-6G upcoming events

PREDICT-6G is entering its last year and the consortium partners are showing the progress in the project, presenting the latest publications and papers in several **events** that will take place in the coming months.

List of upcoming
events



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PREDICT-6G