



COREnext Progress Noted During Mid-term Review

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Welcome to the Summary of COREnext Progress!

As the COREnext project reaches key milestones, this newsletter highlights our Mid-term Review, recent achievements in architectural design (WP3), advancements in communication components (WP4), and reliable, energy-efficient solutions for next-generation systems (WP5).

These updates showcase our commitment to driving innovation and preparing for the challenges of tomorrow.

Wishing all our readers a safe and inspiring year ahead!

COREnext News



[COREnext's Progress, Technological Achievements, and Impact on Sustainability.](#)

The **COREnext project** is at a key milestone with its Mid-term Review, bringing together partners and reviewers to evaluate progress, achievements, and challenges. Join us as we talked with Project Coordinator Michael Roitzsch about the highlights, lessons learned, and what's next for this ambitious initiative.

[Read more](#)



[Advancements in COREnext WP3 Architecture](#)

We are advancing the development of trustworthy and efficient digital infrastructures through innovative architecture. Discover the latest updates and achievements from Work Package 3, which focuses on addressing today's needs while anticipating future challenges.

[Read more](#)



[COREnext's Progress in Digital Components for 6G](#)

Work Package 4 (WP4) focuses on developing core digital components for communication systems, including energy-efficient hardware acceleration, protocol optimisation, and trusted environments. These advancements are essential for the future of 6G networks.

[Read more](#)



[COREnext Trustworthy Analogue Components](#)

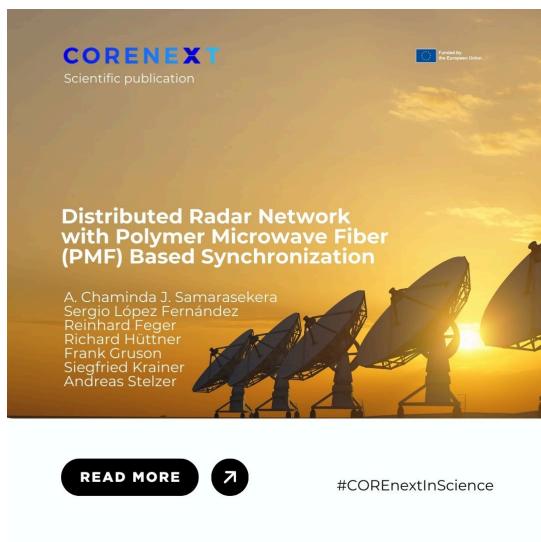
We are inviting you to explore Work Package 5 (WP5) of the COREnext project, which focuses on enhancing communication link reliability and performance through innovative analogue components. By leveraging hardware imperfections and advancing ultra-high-speed interconnect technologies, WP5 aims to deliver secure and energy-efficient solutions for future communication systems.

[Read more](#)

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COREnext In Science Hub

Welcome to the [Scientific Publications section of COREnext](#), a dynamic hub for the scientific and literature stemming from our European project.



[Do you know anything about "Distributed Radar Network with Polymer Microwave Fiber \(PMF\) Based Synchronization"?!](#)

This [COREnext](#) conference paper introduces advancements in distributed radar networks, utilizing Polymer Microwave Fiber (PMF) based synchronization. Distributed radar networks offer significant benefits, including enhanced angular resolution and an improved signal-to-noise ratio, to have more precise and efficient radar systems.

[Discover more](#)

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White Paper

Trustworthiness

The Key to Europe's Digital Future

corenext.eu

[Dive into the Future of Digitalisation with Our Latest White Paper!](#)

Uncover how trust and security are shaping the evolution of Europe's dominance in high-end consumer goods. Discover how the fusion of connectivity and sensing technologies is revolutionising product value and seamlessly weaving these innovations into consumers' digital lives.

[Download our White Paper](#)

Learn about COREnext People!



Mohand Achouche
Director of Hardware Strategy



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IN THE SPOTLIGHT

#COREnextInTheSpotlight: Meet Mohand Achouche - COREnext Consortium Member!

We are proud to introduce Mohand Achouche, a distinguished Member of the COREnext Consortium, whose expertise strengthens our mission for technological innovation!

[Find out more](#)

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CORENEXT is an EU-funded initiative that will bring together expert stakeholders in future mobile networks and integrate their perspectives in key focus areas like digital, analogue, and integrated solutions for computing, communication, and sensing.



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