



Project Newsletter #2

Welcome to the second newsletter for the EXACT-6G project! This edition covers our highlights from June to December 2025. These months have been packed with key milestones: from our Mid-Term Meeting in Athens, to intensive training schools, a prestigious Best Paper Award at IEEE GLOBECOM 2025, our 1st Workshop at IEEE NFV-SDN 2025, and a special feature in the Peloponnisos printed press. Our consortium is advancing steadily, with our Doctoral Candidates making significant research contributions and gaining invaluable hands-on experience as we forge ahead toward the future of 6G.

Mid-Term Meeting of EXACT-6G Held in Athens



Athens, June 26-27, 2025 – The EXACT-6G Project successfully reached a key milestone with the completion of its Mid-Term Meeting, held in Athens. The event was hosted by ISI-ATHENA Research Centre, under the coordination of

Dr. Theodora Tsapikouni and Prof. Christos Verikoukis.

This pivotal meeting brought together all project partners and Doctoral Candidates (DCs) to review the project's progress, address ongoing challenges, and align on strategic goals for the upcoming phases. The **Project Officer (PO)** was also in attendance, providing valuable feedback and ensuring that the project remains on track to meet its expected outcomes and timeline.

Serving as a significant checkpoint in the project's journey, the Mid-Term Meeting reflected the consortium's strong collaboration and shared commitment to advancing innovation in 6G technologies.

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Successful Completion of Schools 4 & 5



Our Doctoral Candidates (DCs) recently took part in the EXACT-6G training program's **Schools 4 & 5**, marking another key milestone in their research journey. Both sessions were organized and hosted by **EURECOM**, the training leader of EXACT-6G, over five intensive days from **8-12 September 2025**.

- **School 4 - "AI/ML and their Explainability"**: Explored cutting-edge advances in Artificial Intelligence and Machine Learning for 6G resource management, with a focus on Symbolic & Neuro-Symbolic AI as well as Generative Models at the Edge.
- **School 5 - "Technological Solutions to Orchestrate and Manage Cloud/Edge"**: Provided hands-on experience with Kubernetes, cloud-native deployment, and edge deployment using the EUR facility orchestrator.

Throughout the week, the DCs had the opportunity to learn in an excellent academic and collaborative environment, gain deeper insights while discovering new research avenues, connect theory with practice through practical lab sessions, and enhance adaptability and teamwork in an international context.

We extend our sincere gratitude to **Professor Adlen Ksentini** and his team at EURECOM for their warm hospitality and outstanding organization, which made this week truly inspiring and impactful.

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1st EXACT-6G Workshop at IEEE NFV-SDN 2025



We are excited to announce the successful completion of the 1st EXACT-6G Workshop, held in the context of the IEEE Conference on Network Functions Virtualization and Software-Defined Networking (IEEE NFV-SDN 2025) in Athens, Greece.

All EXACT-6G Doctoral Candidates and many of their supervisors were present and shared the opportunity to showcase the progress they have made – both individually in their research projects and collectively as members of the Doctoral Network. Presentations covered a wide spectrum of topics, from **Inter-Domain Cloud-Edge Orchestration** to **Explainable AI for Autonomous Management in 6G Networks**.

It was a fantastic environment for exchanging ideas and fostering synergies, not only among the network members but also with the brightest minds in network virtualization and 6G research attending the conference.

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Best Paper Award at IEEE GLOBECOM 2025



The **IEEE Global Communications Conference (GLOBECOM 2025)** was held in Taipei, Taiwan, under the theme "*Sustainable Communications for Ubiquitous Intelligence*." The event brought together leading researchers and industry experts to discuss advances shaping the future of 5G and 6G networks.

During the conference, **Mohamed Readh Fentazi**, representing EXACT-6G (DC-06), presented the paper entitled "*AIEuroLens: Explainable AI Framework for Drift Detection applied to 5G Time-Series Data*." The research addresses a critical challenge in machine learning for next-generation networks: preserving forecasting accuracy in the presence of concept drift, where data patterns evolve over time. The proposed AIEuroLens framework not only detects performance degradation but also provides explainability by identifying its underlying causes, enabling more reliable and adaptive network management.

The paper was honored with the **Best Paper Award** at the **Communication QoS, Reliability and Modeling (CQR) Symposium**, recognizing its scientific contribution and practical impact. This work was conducted within the framework of the EXACT-6G and FLECON-6G projects, reflecting their strong commitment to advancing explainable AI and data-driven intelligence for sustainable, reliable 5G and beyond communication systems.

We congratulate **Mohamed Readh Fentazi** and all contributing partners on this outstanding achievement!

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EXACT-6G DCs Featured in Peloponnisos Newspaper



We are proud to see our Doctoral Candidates **Debashish Roy (DC-07)** and **Muhammad Rafid (DC-09)** from **ISI-ATHENA Research Centre** featured in **Peloponnisos Newspaper**, one of Greece's regional printed press outlets, sharing their experiences and inspirations as part of the EXACT-6G journey in Patras, Greece.

The article, published through the **Marie Skłodowska-Curie Actions** spotlight on the EXACT-6G and EMPOWER-6G research projects, highlights how our young researchers are adapting to daily life in Patras, how the city inspires them, and how their personal goals and interests connect with and evolve through their research journey.

It is wonderful to see young scientists thrive in the city, building strong connections between their research and the community that welcomes them. We warmly thank **Peloponnisos Newspaper** for featuring and supporting local innovation!

[Read more](#)

Looking Ahead

As EXACT-6G enters its next phase, our Doctoral Candidates continue to push forward the frontiers of 6G research. With more training schools, upcoming publications, and conference participations on the horizon, we look forward to sharing further milestones in our next newsletter. Stay connected through our website and LinkedIn for the latest updates.

The EXACT-6G Consortium

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