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Africa at Quantum Crossroads: From Coordination to Power

Wednesday, 19 November 2025 12:00 (1 hour)

Africa's scientific story is entering a new chapter powered by purpose.

The Africa Quantum Consortium (AQC) - standing proudly on the shoulders of, and in partnership with, the African Physical Society (AfPS) and the African Light Source (AfLS) - brings new energy, structure, and continental alignment to Africa's quantum march toward scientific sovereignty.

Together, these institutions form a living continuum of leadership:
AfPS united Africa's physicists and gave the continent a voice in global science.

AfLS envisioned the infrastructure to unlock Africa's material and medical frontiers.

AQC now connects these legacies to the future - embedding quantum science and technology within Africa's broader strategy for Big Science and Big Goals.

AQC's role is clear: to bridge research, industry, and policy to transform Africa from a participant in the quantum era to an architect of it.

Rooted in quantum, yet expansive in vision, AQC aligns the continent's scientific ecosystem toward a shared destination - impact, independence, and innovation.

This session unveils the architecture of that journey:

The State of Quantum in Africa White Paper — a data-driven snapshot of where we stand.

The Quantum Compact — a continental manifesto for scientific sovereignty.

The Pan-African Quantum Hackathon — the proving ground for Africa's next generation of innovators.

And the proposed IQ Africa Roundtable — a unifying platform to align leadership and strategy beyond 2025.

This is more than coordination; it's continental coherence.

The Africa Quantum Consortium exists to make progress possible and turn ideas into alignment, and alignment into Africa's scientific power.

Big Science. Big Goals. One Africa.

Let's move from vision to velocity. Together. Now!

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