3. **Harnessing the Fourth Industrial Revolution (4IR) to Advance Quality Education in Africa to Meet Aspirations as Articulated in the Continental Education Strategy for Africa** (Donald Kubayi)

The rapid spread of Information and Communications Technologies (ICTs) and convergence of innovative technologies is arguably one of the most promising developments that is driving the Fourth Industrial Revolution (known as 4IR or Industry 4.0). In the area of education, ICT has become increasingly influential in opening new doors for universal access to education for communities in remote rural villages. The paper evaluates the impact and effectiveness of the ICT based educational innovations, and where possible, assess the extent to which these ICT tools have improved universal access, quality provision and delivery of educational services to advance the Sustainable Development Goals (SDGs), in particular goal 4 (quality education) in Africa. As examples of practical innovations in education, experimental evidence from two case studies are highlighted, that demonstrate the effectiveness of interactive distance instruction using ICT tools as part of the design, development and delivery of education in rural villages.

The full paper will be made available in the African Union's (AU's) Africa Education Innovations Handbook, 2019. In the interim, it can be accessed on the following link: [https://www.dropbox.com/s/52zk0s5r8h20rrey/Harnessing%20the%204IR%20to%20advance%20Quality%20Education%20in%20Africa.pdf?dl=0](https://www.dropbox.com/s/52zk0s5r8h20rrey/Harnessing%20the%204IR%20to%20advance%20Quality%20Education%20in%20Africa.pdf?dl=0)

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