



Contribution ID: 503

Type: **Invited Talk**

Transforming Health Logistics through Digital Leadership: Rwanda's Drone Delivery flagship project.

Tuesday, 2 December 2025 11:20 (20 minutes)

Digital leadership is crucial for driving innovation and transformation in health systems across Africa. This case study examines the implementation of drone technology for delivering medical supplies in Rwanda, demonstrating how strategic digital leadership facilitated the successful integration of this technology into the country's health logistics system. Through interviews and document analysis, the study explores how leaders at the Ministry of Health, Rwanda in collaboration with private partners (Zipline, Rwanda), fostered a culture of digital readiness, agility and data-driven decision-making. The findings reveal that visionary leadership, cross-sectoral collaboration and adaptive governance were key to scaling up drone-based delivery networks that now supply remote hospitals with life-saving medical products. The study concludes that Rwanda's experience demonstrates how digital leadership can overcome infrastructure limitations, promote health equity, and accelerate digital transformation in areas with limited resources.

Presenting Author

Email

Student or Postdoc?

Institute

Registered for the conference?

CHPC User

CHPC Research Programme

Primary author: Prof. WEIMANN, Peter

Presenter: Prof. WEIMANN, Peter

Session Classification: Special

Track Classification: HPC Technology