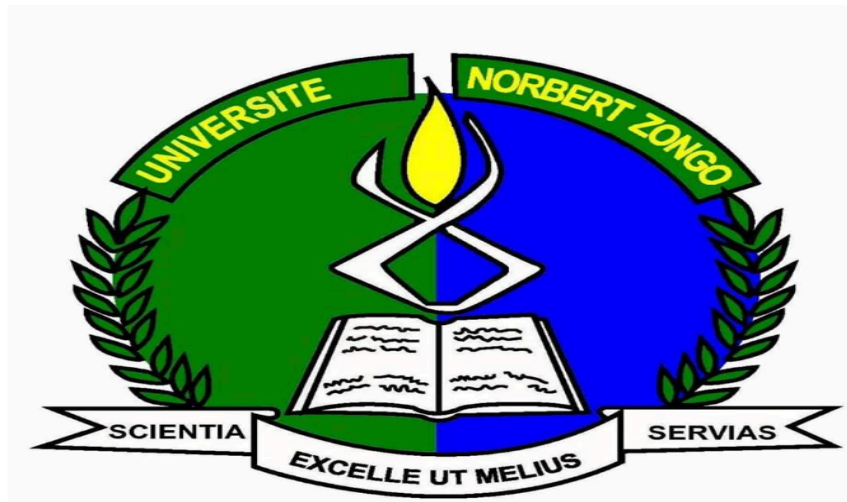


First International Conference on Africa Data, AI, and Innovations (AFRI2 2024)

University Norbert Zongo

27-28 February 2025, Koudougou, Burkina Faso,



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Burkina Faso

## Lien ZOOM

Sujet: Welcome to AFRI2 2024, the First International Conference on Africa Data, AI, and Innovations

Heure: 27 févr. 2025 06:45 AM Temps universel UTC\*Participer à la réunion Zoom

<https://us06web.zoom.us/j/89263852373?pwd=2OKENu4NddMz2XVp2rRwcGekfaIDbL.1>

ID de réunion: 892 6385 2373

Code secret: 909803

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<b>Day 1 (slides in English, speaking and questions in English or in French)</b>		
<b>TIME (GMT)</b>	<b>Sessions</b>	<b>Chairs</b>
9:00 – 9:05	Message of Organizing committee	Pr Andres <b>CONSEIBO</b> (General chair)
9:05-9:10	Message of sponsor	Pr Oumarou SIE (Parain)
9:10-9:20	Message of University Norbert ZONGO	University Norbert <b>ZONGO</b>
9:20 – 10:15	<b>Coffee Break</b>	Organizing committee
10:15 – 10:50	<b>Keynote 1 : Pr. O. A. Oluwatope, Obafemi Awolowo University, Nigeria</b>	Pr Tounwendyam Frédéric Ouedraogo
10:50 – 11:30	<b>Session 1 : Data Protection, Cybersecurity and system</b>	
	10:50-11:10 : Datasets Analysis for Effective Cyberattacks Mitigation in Software-Defined Networking ( <i>Babatoundé O. Simon Biaou</i> )	Dr Moustapha Bikienga
	11:10-11:30 : Artificial Intelligence Governance in Africa: Balancing Data Protection and Innovation ( <i>Roland Akindele</i> )	
11:30-11:50	<b>Keynote 2 : Dr. Didier Bassole, University Joseph KI-ZERBO, Burkina Faso</b> Overview of AI for Cybersecurity: Opportunities, Challenges and Future Directions for Developing Countries	Dr Gouayon Koala
	<b>Session 2 : Data Protection, Cybersecurity and system</b>	
	11:50-12:10 : New Hybrid Scheme Combining Watermarking and Steganography for Medical Image Dataset Creation ( <i>Boureima Koussoube</i> )	Dr Mahamadi Boulou
	12:10-12:30 : Analysis of routing load balancing approaches to optimize WSN lifetime ( <i>Doda Afoussatou Rollande Sanou</i> )	
12:30-12:50	<b>Keynote 3 : Dr. Guinko Ferdinand, University Joseph KI-ZERBO, Burkina Faso</b> Software engineering: current state and future trends	Dr kisito <b>KABORE</b>
13 :00-14 : 30	<b>Lunch</b>	Organizing committee
15h 30-17h 30	<b>Visiting Place</b>	Organizing committee

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<b>Day 2 (slides in English, speaking and questions in English or in French)</b>		
<b>TIME (GMT)</b>	<b>Sessions</b>	<b>Chairs</b>
9:30 – 10:15	<b>Keynote 4 : Dr Yaya TRAORE, University Joseph KI-ZERBO, Burkina Faso</b>	<b>Dr Michel Some</b>
10:15 – 10:50	<b>Coffee Break</b>	<b>Organizing committee</b>
10:50 – 11:30	<b>Session 3 : Artificial intelligence Application : Large language models (LLMs)</b>	
	10:50-11:10 : Beyond Syntax: Testing LLM Semantic Understanding of Code <b>(Aminata Sabané)</b>	<b>Dr Sibiri Tiemounou</b>
	11:10-11:30 : Greeting voice Translation using Deep Learning for low resource language: case of Mooré into English and English into Mooré <b>(Go Issa Traore)</b>	
11 : 30-11 : 50	<b>Keynote 5 : Dr Abdoulaye SERE, University Nazi BONI, Burkina Faso Spatial big data processing</b>	<b>Dr Cheick Traore</b>
11 : 50-12: 30	<b>Session 4 : Data analytic and Decision Making</b>	
	11:50-12:10 : Design of a Big Data Architecture for Precision Agriculture in Burkina Faso <b>(Ghislain Wend-Puire Seghda)</b>	<b>Dr Pedwendé Zongo</b>
	12:10-12:30 : Edge-AI and IoT based smart agriculture: challenges and use cases <b>( Babacar Mbaye Faye)</b>	
12:30-13:10	<b>Session 5 : Data analytic and Decision Making</b>	
	12:30-12:50 : Multi-task Gaussian process for imputing missing daily rainfall data using nearby stations: case of Burkina Faso <b>(Zio Souleymane)</b>	<b>Dr Abdoulaye Compaoré</b>
	12:50-13:10 : New metric procedure for better decision-making in the case of votes` <b>(Rasmané Pagbelguem)</b>	
13 :10-14 : 10	<b>Lunch</b>	<b>Organizing committee</b>
14:10 – 14:30	<b>Keynote 6 : Dr Pasteur PODA, University Nazi BONI, Burkina Faso</b>	<b>Dr Abdoul-Hadi KONFE</b>
14:30 – 14:50	<b>Session 6 : Data analytic and Decision Making</b>	
	14:30-14:50 : Beyond the Social Relations Based Contact List: Integrating Context <b>(Poda Pasteur)</b>	<b>Dr Safiatou Sore</b>
	14:30-14:50 : Towards a Semantic Architecture for Data Lakes	

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	(Aboubacar Sione)	
14:50 – 15:30	<b>Session 7</b> : Data analytic and Decision Making	
	14:50-15:10 : Joint dependence of extreme rainfall events in West Africa : A copula approach for estimating return levels ( <i>Remi Guillaume Bagré</i> )	<b>Dr Stéphane Aimé Metchebon Takougang</b>
	15:10-15:30 : Multobjective belugas whale optimizer for Pareto optimal solution search ( <i>Amidou Zoungrana</i> )	
15:30	Closing conference	<b>Organizing committee</b>