

Thierry Oscar Codjo EDOH
Ahmed Dooguy KORA
Christelle AUPETIT -BERTHELEMOT
Antoine VIANOU
(Eds.)



***ANSALB International Conference on Information and
Communication Technologies***

***Doctoral Workshop on AI and IT Security for
Agriculture 3.0.***

June 26 to 28, 2025, Cotonou, Benin

2025

Preface on the 3rd. Doctoral Workshop on Emerging Technologies and Sustainable Agriculture*

The CITA25 Doctoral Symposium is co-located with the *ANSALB International Conference on Information and Communication Technologies (CITA2025)* and held from June 26 to 28, 2025, at ISBA, Champs de “*Foire, Cotonou, Benin (West Africa)*”.

The CITA25 doctoral symposium is intended to attract postgraduate researchers with a strong background in AI and IT security. It has allowed the PhD students to present and discuss their research internationally, fostering interactions between students and researchers from academia and industry.

Experienced researchers in *Agriculture 3.0*, including AI, machine learning, deep learning, and computer security, offered guidance to PhD students on various aspects of completing a PhD and conducting successful research. Short papers (up to four pages for technical content and one page for references) and regular papers (5+ pages), written by students and their research advisors, were collected.

Topics of Interest

The conference has called for regular research and workshop papers with a focus on the following areas of interest, but not limited to:

- Agriculture 4.0 and digital transformation
- Data security and digital inclusion
- Sustainability and resilience of agricultural and food systems
- Specific applications and case studies

The doctoral symposium received 25 papers submitted from local and internal PhD students in the 3rd edition. Eleven papers were accepted for this volume following a rigorous peer review process, supported by international reviewers.

The call for papers was announced via EasyChair (<https://easychair.org/cfp/CITA-2025>) and the conference/workshop page (<https://www.cita-ansalb.bj/call>). The organizers and TPC members have shared calls for papers on their networks

The Submission link is: <https://easychair.org/conferences/?conf=cita20250>

Review Process and Reviewers

Each committee member was committed to reviewing at least 3 papers. The organizers requested renowned researchers in the field to review one paper and provided a review questionnaire to support the reviewer in their review process.

Each paper was reviewed by two different reviewers. In certain cases, a third reviewer was requested to.

TPC members

The CITA24 joined scientists from Germany, Benin, France, Ghana, Tunisia, Arabia Saudi, Nigeria, Senegal, Togo, the United Kingdom, Cote d'Ivoire, Canada, and the USA. The committee members:

- Acad. Antoine VIANOU Université d'Abomey Calavi (UAC) Bénin
- Dr. Thierry Oscar Codjo EDOH. RFW-Universität, Bonn, Germany
- Pr. Christelle AUPETIT Université de Limoges (UNILIM) France
- Pr. Ahmed Dooguy KORA Ecole Supérieure Multinationale des Télécom. (ESMT) Sénégal
- Prof Sabi Yari Moïse BANDIRI, UNILAB, Brésil
- Pr. Tahirou DJARA Ecole Polytechnique d'Abomey Calavi (UAC) Bénin
- Pr. Said MAZER Ecole Nationale des Sciences Appliquées de Fès Maroc
- Prof. Dr. Amevi Acakpovi, Accra Technical University, Accra, Ghana
- Pr. Eugène EZIN Université d'Abomey-Calavi Bénin
- Pr. Telex M. N. NGATCHED McMaster University Canada
- Pr Michel BABRI Institut National Polytechnique Félix Houphouet -Boigny Côte d'Ivoire
- Pr. BEDJA K. Sà Université de Lomé Togo
- Dr Patrick SOTINDJO UNSTIM Bénin
- Dr. Géraud PAZOU UNSTIM Bénin
- Pr. Samuel OUYA Université Numérique Cheikh Hamidou Kane Sénégal
- Dr Bah Aladé Habib SIDI SPOTIFY FRANCE
- Dr (MC) Jules DEGILA Université d'Abomey-Calavi Bénin
- Pr. Martin P. AINA Université d'Abomey-Calavi Bénin

Organizers

Members of the ANSALB (Académie Nationale des Sciences, Arts, Lettres du Bénin)

August 2025

Thierry Oscar Codjo EDOH

Ahmed Dooguy KORA