



1st JOINT ONLINE INTERNATIONAL WORKSHOP on AGILE DISTRIBUTED WORKFLOWS

Under the Patronage of the Dean of the Faculty of Science : Pr Marie Joseph NTAMACK-NIDA

Date : May 11-12, 2022

Venue : University of Douala – Faculty of Sciences - Douala - Cameroun

Attendees : Faculty members, Businesses, Graduate students

Context

Centralized workflow management has been integrated into most African companies via the BPM (Business Process Management) method. This method allows companies to manage tasks in projects execution. However, many companies realize that traditional BPM approaches are no longer efficient or sustainable. Centralized workflow systems are not flexible and make collaboration across enterprises very difficult. As a result, existing BPM approaches are not satisfactory to cope with unstable environments in which companies operate. Thus, we are looking for flexible, agile, distributed and collaborating workflow systems.

Theme and Research Areas

Theme:

AGILE DISTRIBUTED WORKFLOW SYSTEMS

Research areas:

- ✓ Software Engineering
- ✓ Artificial Intelligence
- ✓ Theoretical aspects
- ✓ Human Centered Design
- ✓ Computer Science
- ✓ Natural Language Processing

Objectives

- ✓ Contribute to the development of this area of research through collaboration between African and German institutions.
- ✓ Review of Master and Doctoral research projects.
- ✓ Contribute to exposure of African specialists to other groups of research in this area.
- ✓ Contribute to the creation of a network for academic mobility of African scholars.
- ✓ Encourage students to embrace research in this area.
- ✓ Motivate conversations between scholars and employers on new challenges.

Activities

- ✓ Presentation of Guest speakers
- ✓ Presentation of selected participants
- ✓ Lectures on new topics of software engineering
- ✓ Round table: exchange between German and African colleagues,
- ✓ Presentation (talk or poster) of selected students and prizes for three good presentations

Outputs

- ✓ Develop educational and research activities in this area.
- ✓ Establish a framework for academic mobility and exchanges for African and German scholars.
- ✓ Reinforce capabilities of African scholars.
- ✓ Disseminate recent research achievements.

Registration

- See the link: <https://fs-univ-douala.cm/>
- Registration deadline: May, 9, 2022

SCIENTIFIC COMMITTEE

Members	University
Jean Claude NDOM	University of Douala - Cameroon
Albert ZÜNDORF	Kassel University - Germany
Auguste Vigny NOUMSI WOGUIA	University of Douala - Cameroon
Joseph MVOGO	University of Douala - Cameroon
Samuel BOWONG	University of Douala - Cameroon
Louis Aimé FONON	University of Douala - Cameroon
Ferdinand NGAKEU	University of Douala - Cameroon
Georges Edouard KOUAMOU	University of Younde 1 - Cameroon
Maurice Tchoupé TCHENDJI	University of Dschang
Anatole TEMGOUA KAGOU	University of Douala - Cameroon
Justin Moskolai NGOSSAHA	University of Douala - Cameroon
Paul DAYANG	University of Ngaoundere - Cameroon
Joseph Onderi ORERO	Strathmore University-Kenya

ORGANIZING COMMITTEE

Members	University
Guy Lahlou DJIKEN	University of Douala - Cameroon
Laurence Emilie UM	University of Douala - Cameroon
Yves Jonathan NDJE	University of Douala - Cameroon
Rodrigue Aimé DJEUMEN DJATCHA	University of Douala - Cameroon
Eric Douglas NYAKAM CHIADJEU	University Clausthal - Germany
Franck Loïc MOUANJI	University of Douala - Cameroon
Arsene Vivien DAMLABIN NKAMNEU	University of Douala - Cameroon
Ludovic TANKEU KOUOSSEU	University of Douala - Cameroon
Armelle Vivelle NGAMI TCHANA	University of Douala - Cameroon
Gaëlle Manuela YONGA YONGA	University of Douala - Cameroon
Rodrigue MBIAHA	University of Douala - Cameroon

INVITED SPEAKERS

Members	Topic
Albert Zündorf	Microservices
Bernhard Sick	Intelligent Embedded Systems
Martin Lange	Verification of Dynamic Systems
Claude Draude	Human Centered Design
Andreas Rausch	Software and System Engineering
Maurice Tchoupé Tchendji	Grammatical Approach to Design Administrative Workflow
Georges Edouard Kouamou	Another Approach of Workflow Modelling
Paul Dayang	Natural Language Processing
Joseph Onderi Orero	Machine Emotional Intelligence Using Fuzzy Logic