



SusRES' 2022

22 July 2022, Université de Kara

3rd Joint German - West African Conference on Sustainable, Renewable Energy Systems

"Solar energy systems - the sun as an inexhaustible source"

Program

Friday, 22nd of July

Time (Togo) Meeting room / PALCC Building

10:00	Key-Note	Word of Welcome <i>President University of Kara Komla SANDA</i>
	Speaker	
10:15	Key-Note	Word of Welcome <i>Ambassadeur Matthias Veltin</i>
	Speaker	
10:30	Key-Note	Solar Energy - the path to sustainable knowledge transfer <i>Jörg Reiff-Stephan</i>
	Speaker	
10:50	Key-Note	To be announced soon <i>To be announced</i>
	Speaker	

Break (5min)

Session 1	Smart Living		
	Chair	Ron van de Sand	
	11:15	ID	106
		Title	Fluoride Removal in Synthetic Drinking Water by Electrocoagulation Using Aluminum Electrode
		Speaker	<i>Moudassirou SEDOU</i>
	11:40	ID	110
Title		Study of the resistance of plastic materials to rupture: GPPS and HIPS	
Speaker		<i>Nitale M'Balikine KROU</i>	

Break (25min)

Session 2	Solar Energy		
	Chair	Dam-be Douti	
	12:30	ID	111
		Title	Bivariate and Partial Wavelet Coherence analysis of aerosols impact on Global Horizontal Irradiation in Cameroon
		Speaker	<i>Yaulande DOUANLA ALOTSE</i>
	12:55	ID	113
		Title	Test of Solar Energy Storage by Fuel Cell Technology at Abomey-Calavi (Benin)
		Speaker	<i>KOTO N'GOBI Gabin</i>
	13:20	ID	108
		Title	Utilizing Streets as a Photovoltaic Area - Mounting Systems for PV on Traffic Areas
Speaker		<i>Jörg Reiff-Stephan</i>	

Break (45min) - Lunch Break

Session 3	Sustainable Living		
	Chair	N'detigma Kata	
	14:30	ID	107
		Title	Artificial intelligence based computer vision: instance segmentation using Mask R-CNN
		Speaker	<i>Arafat Fousseni</i>
	14:55	ID	115
Title		A case study regarding the application of Q-learning for efficient HVAC control	
Speaker		<i>Ron van de Sand</i>	
15:20	ID	114	
	Title	Will my job be automated? Fathoming current and persisting impediments of automation	
	Speaker	<i>Bastian Prell</i>	

Break (15min)

Session 4	Electricity		
	Chair	Bastian Prell	
	16:00	ID	112
		Title	Generation of electricity from a hydraulic turbine in the Djonou river in Benin
		Speaker	<i>KOTO N'GOBI Gabin</i>
	16:25	ID	110
		Title	Analysis of Harmonic Injection of LED and LCD Televisions in Ghana's Power Distribution System
		Speaker	<i>Raymond Gyaang</i>
	16:50	ID	109
		Title	Study of the passivation of defects in the perovskite cell: application to Sahelian climate conditions
Speaker		<i>Essodosomondom Anate</i>	
17:30	Closing Ceremony		
19:00	Dinner		

Saturday, 23rd of July

10:00	Zoo visit (optional)
-------	----------------------