ACPK Awareness Conference in Collaboration with Moi University

16 th May 2024 MOI University - CoHS

Theme: NEXT FRONTIER IN DIGITAL TRANSFORMATION
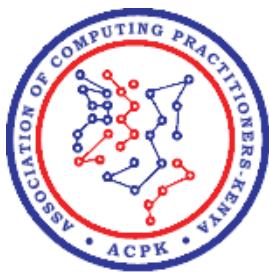
(Driving Digital Transformation for Operational Efficiency)

ASSOCIATION OF COMPUTING PRACTITIONERS-KENYA · ACPK ·

BACKGROUND

Computing Technologies have transformed many aspects of our lives and offered unprecedented opportunities and challenges for education. Education institutions, at all levels, need to competencies citizen with the knowledge, skills, and competences as well as the lifelong learning opportunities in technology-rich living and working in an increasingly technology rich environment. Education systems should also ensure that they are able to exploit the potential benefits of Computing Technologies to expand access to, and enhance the quality and relevance of, learning throughout life. Data and technology are the single most comprehensive driver in marketing today. While most companies have a data-driven vision and have invested heavily in new talent, few have realized their full potential.

To this effect, Computing Practice, education management as well as the teaching and learning process should be reshaped towards the needs of individual fulfillment and sustainable development of knowledge economies and application for appropriate technology. The technological trends, including internet developments, mobile technologies, cloud computing as well as the rise of open education resources, to cite a few examples, result in a renewed, even stronger interest in their potential to solve the existing problems and shape the future of education and technology. The Goals of ACPK aim at empowering the professional practitioners to meet their right to quality education and fulfill their personal expectations for a life and work and contribute to their societies' socio-economic development and technological growth.

www.acpk.or.ke

ACPK AWARENESS WORKSHOP – IN COLLABORATION WITH MOI UNIVERSITY
PROGRAMME
MC - Andrew Omambia (UEAB) Host - Dr. Nicholas Kiget (Moi University)
Rapporteurs (Arnold Ndukuyu (ACPK), Julia Korongo (Moi University)

TIME	TOPIC	FACILITATOR	Moderator
08:00 09:10	Registration and Introductions	Arnold Ndukuyu – ACPK Dr. Nicholas Kiget - Moi University	
09:10 09:50	Welcome Remarks	1. VC | Dean, Moi University | 2. CEO - EldoHub 3. CEC ICT, Uasin Gishu County	Hon. Samuel Wetungu (Liaison Director, BETA UDA Party)
09:50 10:30	About ACPK	Francis Odhiambo (National Police Service) Chairperson – ACPK	Shadrack Kimutai (Kenya School of TVET)
10:30 11:00	**TEA BREAK**		
11:00 11:40	Kenya Data Protection Act 2019 – Overview and Analysis	Arnold Ndukuyu (Hon. Secretary, ACPK)	Daniel Limo (UasinGishu County Govt)
11:40 12:20	Cloud Computing and Internet of Things	Elphas Sagas (ODP – Kisumu)	Reuben Oyamo (Moi University)
12:20 13:00	Plenary	Dr. Philemon Kitur (University of Eldoret)	
13:00 14:00	**LUNCH BREAK**		
12:20 13:00	Artificial Intelligence and its Impact in the Society	Dr. Gibson Kimutai (Moi University)	Aniter Rotich (Eldama Ravine TTI)
14:00 14:30	Plenary	Emma - Baringo County Government	
14:00 14:30	Membership and Activities of ACPK	E. Amugu – Hon. Secretary / A Ndukuyu – Hon Treasurer (ACPK)	
14:30 15:00	Way Forward	Roselyn Nyamwamu (UEAB) RC, Rift Region ACPK Francis Odhiambo Chairperson, ACPK	
15:00 15:30	Closing Remarks	Bethwel Cheruiyot (ICT Director, MTRH)	
15:30	Vote of Thanks	Edwin Serem (Nandi County Assembly)	
16:30	**TEA BREAK - GUESTS LEAVE AT THEIR PLEASURE**		

ABOUT US

Association of Computing Practitioners Kenya (ACPK) was registered in 2019 under the laws of Kenya, Societies Act, CAP 108 of the Revised Edition 2012 (1998) to ensure the digital journey is safe and positive for everyone in the dynamic technological space, by championing for standards of competence and conduct across the Computing Industry and tackling the ethical challenges that practitioners face along in practice. The Association was formed by IT professionals who identified the need for professional standards, vital to the integrity and future wellbeing of the Computing Industry, a view supported by those seeking professionalism within the sector.

ACPK leads the profession in ensuring trust and value addition from technology innovations, research, and education in application practice by thousands of computing practitioners and resource IT Associate Professionals. It has devolved its functions into 8 Regions and 47 County Chapters in Kenya. The Association operates on the following Thematic areas:

1. Supporting career growth among Computing professionals
2. Building capacity and sharing heterogenic expertise in the Computing Industry
3. Promoting Professional and ethical practice among Practitioners
4. Establishing Linkages with ICT Stakeholders and Partnerships
5. Contributing toeducation curriculum, training, certifications, and development in Kenya
6. Support Derivation and enforcement of standards in Computing industry
7. Identification of innovation initiatives and incubation
8. Create a convergence of Technology specialties regarded as Special Interest Groups

WHY ACPK?

The association is dedicated to promoting Computing Technology standards for development in Kenya. We understand the need of a sound ICT infrastructure in our society and how important it is for the whole nation to progress. This will offer the government an opportunity to tap from the Heterogeneous technology skills into Homogeneous Agile solutions. There is a lot to be done and we as professionals are committed to work with the government of Kenya for a better¬ future.

The emergence of the knowledge society, building on the pervasive influence of modern information and communication technologies, is bringing about a fundamental reshaping of the global economy. Knowledge has always been a factor of production, and a driver of economic and social development. However, the capacity to manipulate, store and transmit large quantities of information cheaply has increased at a staggering rate over recent years. The digitization of information and the associated pervasiveness of the Internet are facilitating a new intensity in the application of knowledge to economic activity, to the extent that it has become the predominant factor in the creation of wealth. Information and communication technologies (ICTs) are also facilitating a rapid globalization of economic activity. In an increasingly global economy, where knowledge about how to excel competitively and information about who excels are both more readily available, the effective creation, use and dissemination of knowledge is increasingly the key to success, and thus to sustainable economic and social development that benefits us all. Innovation, which fuels new job creation and economic growth, is quickly becoming the key factor in global competitiveness.

Potential Benefits on ICT Investment

1. Efficient communications for corporate, manufacturing, service, and tourism sector
2. Fast response to natural disasters and effective rural health and family planning services
3. Effective governance and administrative effectiveness
4. Efficient education, research, and communication of research results
5. Access to global market and research information
6. Employment opportunities for small and medium enterprises
7. Effective and enhanced data and information gathering and distribution for better planning

8. Enhanced national cohesion and integration of heterogeneous social composition or geographical dispersal.

OBSERVATIONS

1. Kenya has technology potential and there should be established a Computing Practitioners Board to register all Computing professionals in the country to drive and moderate the cyberspace while speeding up the uptake of technology.
2. Needtoestablishastructured National InformationInfrastructure (NII) plan that encompass connectivity (built on robust and low- cost technology), content (mainly strategic information systems), infrastructure (human, energy, telecommunications, and social) and enabling policy for private sector investment and participation. The diverse value of skilled professionals under an umbrella will effectively deliver this and place Kenya at a competitive edge technologically.
3. Kenya should not leave ICT as a sector for commercial interest or free market and privatization as such but rather regard them as part of the general public interest, participation, use and debate.
4. With the growing population pressures, the policy on rural economic development requires considerable investment and attention to ICT to achieve sustainable growth in the long term under the digital villages initiative by ICTA.
5. The application of information and communication technology does not just encompass technology; hardware, radios, computers, telephones and software and the content or data, but also needs organization, incentives, procedures, and people that are harmonized by standards as is done by ICTA whose standards need participation by practitioners.
6. The ability to participate in information and communication technologies requires participation, partnership, understanding of social implication of new technologies and management of changes at national level from all stakeholders to deliver value.

Scope of Membership

ACPK spans in all the devolved units clustered into regional blocks namely: -
1. Nairobi
2. Western
3. Nyanza
4. Rift Valley
5. Eastern
6. Northeastern
7. Central
8. Coast

How to become a member

· A prospective member fills the Registration on the portal.acpk.or.ke
· Pays entry fee of KES. 1500/=
· Sends a Message to Treasurer +254 724 064 794
· The National Council reviews the application and approves membership accordingly
· Membership Good Standing is generated on portal and Certificate is processed within a period of two weeks
· Members to guide on the methods of delivery
· N/B on payment of Entry fees, a member is added to the registered members' wall

Membership Categories	
Fellow Member	Prospective Member
Professional Member	Corporate Member
Associate Member	Student Member

OUR PARTNERS