

Table 1: SecHPC Workshop Courses and Facilitators

<i>Day</i>	<i>Course</i>	<i>Facilitator</i>
Day 1	Opening of Workshop/	CU Management Prof. E. E. J. Iweala
	Opening Remark: Overview of FEDGEN HPC Project	Prof. E. Adetiba
	Keynote Speech 1: Securing Cloud Applications in the Wild	Interswitch, Nigeria
	Overview of DevSecOps Life Cycle and Open Source Toolkits	Opeyemi Matiluko (First Dynamic-Links Nig. Technologies)
	Git-Hub Overview and Best Practices	Opeyemi Matiluko (First Dynamic-Links Nig. Technologies)
	Git-Hub Security and API Integration	Opeyemi Matiluko (First Dynamic-Links Nig. Technologies)
Day 2	Unlocking the Power of Docker and Kubernetes to Build and Deploy Secure Cloud Apps	Mr Femi Adebayo Head Infrastructure -DevOps
	Kubernetes Security Best Practices (<i>Securing Docker containers, Implementing Role-Based Access Control (RBAC) in Kubernetes, Network policies and Pod security policies</i>)	Mr Femi Adebayo Head Infrastructure -DevOps
	Kubernetes Multi-Cluster Management	TBD
Day 3	Keynote Speech 2: Cyber Security for HPC Infrastructure	Prof. Surendra Thakur (Distinguished Professor, University of South Africa (UNISA), Pretoria, South Africa)
	Cloud Computing Security Models	Engr. (Mrs) Olubunmi F. Sweetwilliams (CApIC-ACE, Covenant University, Nigeria)
	Best Practices for Integrating On-premises HPC Systems with Public Cloud Resources Securely	Access Bank, Nigeria
Day 4	Ethical Hacking and Penetration Testing for HPC	Mr Opeyemi Folorunsho (Vice President Research, Moniepoint)
	Security Techniques to Identify and Remediate Vulnerabilities in HPC and Cloud Deployments	Mr. Kehinde A. Alao (Caronyx Integrated Concepts Ltd)
	Monitoring and Logging with Prometheus and Grafana	Engr. Matthew B. Akanle/Uche Nnaji (CApIC-ACE, Covenant University, Nigeria)
Day 5	Deployment of BlogGate Framework on Private HPC Infrastructure(Hands-On)	Prof. E. Adetiba, Priscilla O. Ajayi, Festus Ojesanmi/Mr Femi Adebayo (CApIC-ACE, Covenant University, Nigeria) Engr Matthew B. Akanle, Engr Olubunmi F. Sweetwilliams, John S. Wejin, Uche Nnaji

	Deployment of Framework for Ethical Hacking, Penetration Testing, Monitoring and Logging on Private HPC Infrastructure (Hands-On)	(CApIC-ACE, Covenant University, Nigeria)
	Post-Workshop Survey	
	Closing Dinner	