SIMUTOOLS 2017 Programme

		DAY 1: 11/9/2017	DAY 2: 12/9/2017	DAY 3: 13/9/2017
		WORKSHOP VRToolsED	WORKSHOP: G2BDAI	SIMUTools 2017 Main	
8:30	9:00	Registration and Opening	Registration and Opening	Registration and Opening	
9:00	9:30	KEYNOTE AND PANEL DISCUSSION: Advancements in VR in Education in 2017	KEYNOTE: VR for education,VIP from Manhen Technologies.	KEYNOTE: Professor Jeff Hong	
9:30	10:00				
10:00	10:30	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	
		SESSION 1	SESSION 1	SESSION 1: SIMULATION METHODOLOGY	
10:30	11:00	Virtual, Augmented and Mixed Reality Technology Based Simulations in Higher Education, Opportunities for Alternative Assessment Strategies - Glowatz, Matt, Mangina, Eleni, Holland, Donal	The Application and Optimization of Unity Image Fusion Algorithm in HTC Vive Controllers Interaction – Lei Chen, Zongwei Luo	A Unifying Framework for UML Profile-based Cognitive Modeling: Development and Experience – Zhi Zhu, Yonglin Lei, Yifan Zhu, Abdurrahman Alshareef, Hessam S. Sarjoughian	TUTORIAL: SUMO Yun-PanFlötteröd
11:00	11:30	Oculus Rift Application for Training Drone Pilots - O'Keeffe, Evan, Campbell, Abraham, Swords, David, Laefer, Debra, Fern, Mangina, Eleni	An Improved Similarity Calculation Algorithm Used in News Recommender System. – SHI Xinchen, LUO Zongwei	Cellular Automata Modeling, Simulation, and Visualization in DEVS-Suite Simulator – Chao Zhang, Hessam S. Sarjoughian	
11:30	12:00	Immersive Virtual Reality Training Tool for IoT Device Placement - Campbell, Abraham, Jia, Yukun	Mobile Advertising Predicted Conversion Rate Model a Recommendation System with Machine Learing Approach. - Yinghao, Jiang Yue, Zhixiong, Luo, Zongwei	A Reusable Behavior Modeling Method Based on Atom Action and Atom Condition – Yingqian Bao, Qingjun Qu, Yiping Yao, Jiawei Fei, Miao Zhang	
12:00	12:30	3D Stereo-lithographic models placed in Virtual Reality to assist in pre-operative planning - Campbell, Abey, Mangina, Eleni, Ranito, Olivia, de Oliveira, McMahon, Colin, J.	Gamification for Teaching Java - Çubukçu, Çağrı, Wang, Bo, Goodman, Lizbeth Mangina, Eleni	LUNCH BREAK	
12:30	13:00	LUNCH BREAK	LUNCH BREAK		
13:00	13:30				
		SESSION 2	SESSION 2	SESSION 2: HIGH PERFORMANCE SIMULATION	
13:30	14:00	3D modeling for augmented reality systems in novel vascular models - Campbell, Abey, Almaksy, Asma, Mangina, Eleni	An End-to-end Tag-based Recommendation System for Verbal Reasoning Questions – Yue Zhixiong	A Fine-grained Parallel Approach for one Logical Process on Multi-core Machines – Jiawei Fei, Yiping Yao, Jing Luan, Lufan Li, Yingqian Bao	

14:00	14:30	Emerging Educational Technologies for Cross-Cultural Collaboration: Current Perspectives and Future Directions - Zhang, Bo, Robb, Nigel, Goodman, Lizbeth	PageRank Approach to Ranking Football Teams' Network – Boreng Wang, Zongwei Luo	ScaleSimulator – A Fast and Cycle-Accurate Parallel Simulator for Architectural Exploration – Avi Mendelson, Chalak Ori, Cai Weiguang, Li Wei, Fang Lei, Zheng Libing, Wu Zuguang, Gu Xiongli, Wang Haibin
14:30	15:00	A Software tool for 3D visualization and slicing of MR images - GHOSHAL, SOMOBALLI, CHATTERJEE, PUBALI, BANU, SOURAV, CHAKRABARTI, AMLAN	Gamifying HPE Service Manager to Improve IT Service Desks' Knowledge Contribution - Yue Yuan, Ke Ke Qi, Aaron Marcus	SimAIT: An Automatic Initialization Tool for Complex Simulation System – Sirui Bao, Yiping Yao, Laibin Yan, Tianlin Li, Feng Zhu
15:00	15:30	**COFFEE BREAK**	**COFFEE BREAK**	**COFFEE BREAK**
				SESSION 3: SYSTEM AND NETWORK SIMULATION
15:30	16:00	TUTORIAL: Making a VR education demo in 1 hour and a bit		Implementing Multicasting and Broadcasting of Multimedia Data in ONE Simulator – Suman Bhattacharjee, Ranit Chatterjee, Tamal Pal, Sipra DasBit
16:00	16:30			An Optimized Memory Management Algorithm for Real-time Simulation on Linux Operation System – Miao Zhang, Zhiwen Jiang, Yiping Yao
16:30	17:00			On Improving Parallel Real-Time Network Simulation for Hybrid Experimentation of Software Defined Networks – Mohammad Abu Obaida, Jason Liu
19:30	21:00			**CONFERENCE DINNER: A Symphony of Lights**