

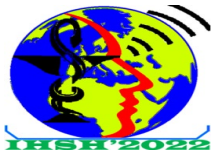
IEEE co-sponsored International Conference on Human-Centric Smart Environments for Health and Well-being (IHS'2022) – October 26th-27th 2022 – UQAR, Lévis, Canada (QC)

Online event

Conference Program

Day 1: October 26, 2022	
Zoom link: https://uqar.zoom.us/j/86599743744?pwd=SUITNGVpNVNwY3E3TUFSemp1M3J3UT09 Password: 078442	
Time (EDT/UTC-4)	Activity
08H30 09H00	Welcome to Virtual Conference
09H00 09H30	Opening Ceremony
09H30 10H15	Invited Talk 01: Prof. Sebastian von Mammen (Julius-Maximilians University, Würzburg, Germany) Empowering Health Experts to Design and Use Virtual Reality Experiences
10H20 11H05	Invited Talk 02: Prof. Christo El Morr (York University, Ontario, Canada) Smart Health and Equity: Mitigation AI biases
11H05 11H15	Morning Break

Parallel Oral Sessions		
Time (EDT/UTC-4)	Session 01: Smart environment	Session 02: Networking
	Zoom link: https://uqar.zoom.us/j/82260427716?pwd=M0NGbFVtNFd2ME50RGlrdTczMGpxUT09 Password: 626456	Zoom link: https://uqar.zoom.us/j/81845449551?pwd=ZzhldTRiK1paaWY4cE53T01aamNFUT09 Password: 773145
	Chairs: • Karim Sebaa	Chair: • Lyes Khelladi

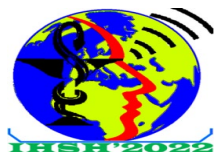


<ul style="list-style-type: none"> Mohamad Moshawrab 				
	Presenter	Title	Presenter	Title
11H15 11H35	Samira Chalah	Microgrid Energy Management Strategy Based on MAS.	Sylia Mekhmoukh Taleb	Enhanced Whale Optimization Algorithm for Mesh Routers Placement Problem in Wireless Mesh Networks.
11H35 11H55	Djillali Kaddour	Impact of Integrating DERs and ESS on Smart-Grid Supply Continuity: A Review.	Nassima Tsabet	An Efficient Genetic Algorithm for Solving Spectrum Assignment Problem in Elastic Optical Networks.
11H55 12H15	Souad Refas	Energy Harvesting Based on SLIPT in V2V-VLC System Under Atmospheric Weather Conditions.	Adel Salah Ould Khaoua	Performance Evaluation of Probabilistic Forwarding in NDN over LLNs.
12H15 12H35	Jeongyeop Baek	Individual Thermal Comfort Prediction Based on Upper Body Thermal Imaging and Computer Vision.	Selma Yahia	Manta Ray Foraging Optimization Algorithm for Solving the LEDs Placement Problem in Indoor VLC Systems.
12H35 14H00	Lunch break			

Round Table Discussion 01

The use of novel technologies to support disaster management

14H00 16H00	Zoom link: https://uqar.zoom.us/j/81045773993?pwd=YWR2cWRkNjcxRGN2aUdkcm4zNXFyUT09 ; Password: 394963
----------------	--



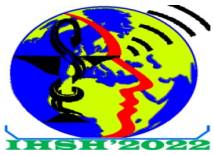
Day 2: October 27, 2022

Zoom link: <https://uqar.zoom.us/j/86599743744?pwd=SUITNGVpNVNwY3E3TUFSemp1M3J3UT09>
Password: 078442

09H00 10H00	Invited Talk: Prof. Clémence Dallaire (University of Laval, Quebec, Canada) Understanding health and aging to support a contribution from technology
10H00 10H10	Morning Break

Parallel Oral Sessions

Time (EDT/UTC-4)	Session 03: e-health services		Session 04: Artificial Intelligence	
	Zoom link: https://uqar.zoom.us/j/84506848723?pwd=R2ttWU9oVGRrbHlzU1RkdUM0c1UvUT09 Password: 075402		Zoom link: https://uqar.zoom.us/j/83845371845?pwd=bGc3ZHQrdkhkMURQTUY0RkZPTFE0dz09 Password: 933281	
Chairs:		Chairs:		
	<ul style="list-style-type: none"> • Adel Oulefki • Éric Chartré 	<ul style="list-style-type: none"> • Gabriel Morais • Noureddine Chaib 		
	Presenter	Title	Presenter	Title
10H10 10H30	Pankaj Khatiwada	Reference Design Model for a Patient-Centric Data Exchange Health Care Environment.	Mohammad Moshawrab	Machine Learning Models to Predict Cardiovascular Events from Heart Rate Variability Data.
10H30 10H50	Mohamed Mouine	Model-Driven Approach to Designing Healthcare IoT Infrastructure.	Miniar Ben Gamra	YoPose: Yoga Posture Recognition Using Deep Pose Estimation.
10H50 11H10	Mohammad Ali Saberi	Toward Implementing Interoperability in Pervasive Healthcare Systems for Chronic Diseases By Decentralization and Modularity.	Ki In Tan	Sound Classification Using Sound Spectrum Features and Convolutional Neural Networks.
11H10 11H30	Guillaume Gingras	Eldercare Smart Home Sensor Based System: Approach, Deployment and Insights.	Mohammad Moshawra	Detection of Occupational Fatigue in Digital Era; Parameters in Use.
11H30 14H00	Lunch break			



Round Table Discussion 02

The architecture matters in health and non-health information systems; the case of the microservice architecture paradigm

14H00 17H00	Zoom link: https://uqar.zoom.us/j/81045773993?pwd=YWR2cWRkNjcxRGN2aUdkcm4zNXFvUT09 Password: 394963
----------------	--

Closing Ceremony

17H00 17H30	Zoom link: https://uqar.zoom.us/j/86302700267?pwd=dmZtY1lXTmlUTGVBNDE5eUI1K3U2Zz09 Password: 531948
----------------	--