



IHIET
2021
INTERNATIONAL

Virtual

2021 **IHIET** International



4th International Conference on
**Human Interaction and
Emerging Technologies:
Future Applications**

Final Program

April 28-30, 2021

Strasbourg, France

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Conference Organization

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Conference Tracks

ACRONYM	TRACK
IHIET 1	Augmented Human Research: Applications in Sport and Medicin
IHIET 2	Human-centered Design
IHIET 3	Artificial Intelligence and Computing
IHIET 4	Augmented, Virtual and Mixed Reality Simulation
IHIET 6	Human-computer Interaction
IHIET 7	Healthcare and Medical Applications
IHIET 9	Human-Technology and Future of Work
IHIET 10	Emerging Technologies
IHIET 11	Management, Training and Business Applications

<p>11</p>	<p>IHIET 11: Management, Training and Business Applications Session Chair(s): Izabella Jedel, Sweden and Daniel Lafond, Canada</p>
<p>9:00 - 11:00 (EST) - NICE</p>	<p>Factors Related to the Use and Perception of a Gamified Application for Employee Onboarding Izabella Jedel, Adam Palmquist, Sweden</p> <p>Multi-objective schedule optimization for ship refit projects: Toward geospatial constraints management Daniel Lafond, Dave Couture, Justin Delaney, Jessica Cahill, Colin Corbett, Gaston Lamontagne, Canada</p> <p>Gender approach to studying history of social work of Ukraine Oksana Kravchenko, Olha Svyrydiuk, Iryna Karpych, Olha Boiko, Ukraine</p> <p>Training Students for Work with Emerging Technologies in a Technology Park Environment Tatiana Shaposhnikova, Alexander Gerashchenko, Alena Egorova, Vyacheslav Minenko, Russia</p> <p>BIASMAP – Developing a visual typology and interface to explore and understand decision-making errors in management Christian Muntwiler, Martin Eppler, Switzerland</p> <p>Mechanisms to manage the regional socio-economic development and efficiency of the decentralization processes Inna Irtyshcheva, Iryna Kramarenko, Taras Vasylytsiv, Yevheniya Boiko, Olena Panukhnyk, Nataliya Hryshyna, Oryslava Hryshyna, Olena Ishchenko, Nataliya Tubaltseva, Ihor Sirenko, Nazariy Popadynets, Iryna Hryhoruk, Ukraine</p>
<p>12</p>	<p>IHIET 2: Human-centered Design II Session Chair(s): Marco K�ppler, Germany and Igor �kori�, Croatia</p> <p>Relation between Usability and Accessibility: A Case Study in Peruvian E-Commerce Websites Freddy Paz, Freddy Paz, Peru</p> <p>Design of Children's Creative Toys Based on Cultural Experience Jinwu Xiang, Huajie Wang, China</p> <p>Designing Software Instruments for Analysis and Visualization of Data relevant to Playing Educational Video Games Yavor Dankov, Boyan Bontchev, Bulgaria</p> <p>Fashion technology – What Are the Limits of Emerging Technological Design Thinking? Pertti Saariluoma, Rebekah Rousi, Hanna-Kaisa Alanen, Finland</p> <p>Green densification strategies in urban areas for psychophysical-social wellbeing Cristiana Cellucci, Michele Di Sivo, Italy</p> <p>Built environment design and human interaction: a demanded arrangement for humanised cities Cristina Caramelo Gomes, Portugal</p> <p>Analysis of color control and humanized design in ship cabin environment Liu Fuyong, Yong Li, Ruimin Hao, China</p>
<p>13</p>	<p>IHIET 3: Artificial Intelligence and Computing II Session Chair(s): Marco Stang, Germany and Tej Samani, United Kingdom</p> <p>Improving the retention and progression of learners through intelligent systems for diagnosing metacognitive competencies – a case study in UK Further Education Tej Samani, Ana Isabel Canhoto, Esin Yoruk, United Kingdom</p> <p>Intelligent control of HVAC systems in electric buses Martin Sommer, Carolin Junk, Tobias R�sch, Eric Sax, Germany</p> <p>Integrity Mechanism of Artificial Intelligence for Person's Auto-Poiesis Nicolay Vasilyev, Vladimir Gromyko, Stanislav Anosov, Russia An exploration of one-shot learning based on cognitive psychology</p> <p>Dingzhou Fei, China</p> <p>CAGEN - Context-Action Generation for testing self-learning functions Marco Stang, Maria Guinea, Eric Sax, Germany</p>



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5rd International Conference on
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August 27-29, 2021
Fondation EFOM Boris Dolto, Paris, France

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