



**IHIET**  
**2022**  
INTERNATIONAL

2nd International Conference on  
**Human Interaction and  
Emerging Technologies:  
Future Applications**

# Final Program

Centre Hospitalier Universitaire Vaudois (CHUV)  
Lausanne, Switzerland



[WWW.IHIET-AI.ORG](http://WWW.IHIET-AI.ORG)



## IHiet-AI 2022 Final Program

The 7th International Conference on Human Interaction & Emerging Technologies will be held April 21-23, 2022 as a Virtual Conference.

The IHiet-AI 2022 Technical Sessions will be held on Friday, April 22, 2022 and Saturday, April 23, 2022.

**Plenary Session and Keynote Address: 13:30-15:00 (EST) Thursday, April 21, 2022.**  
**Keynote Address: 13:30-15:00 (EST), Thursday, April 21, 2022**

① Virtual conference program schedule is listed in Eastern Standard Time (EST) - New York Timezone

**FULL CONFERENCE SCHEDULE**

**Thursday, April 21, 2022**

10:00-13:00 (EST)

**Tutorial Program**

13:30-15:00 (EST)

**Plenary Session**<http://ihiet-ai.org/keynote.html>

18:30-22:00 (EST)

**Conference Reception**<http://ihiet-ai.org/keynote.html>

**Friday, April 22, 2022**

9:00-10:30 (EST)

**Technical Sessions**

11:00-12:30 (EST)

**Technical Sessions**

13:30-15:00 (EST)

**Technical Sessions**

10:30-15:30 (EST)

**Poster Sessions**

**Saturday, April 23, 2022**

9:00-10:30 (EST)

**Technical Sessions**

11:00-12:30 (EST)

**Technical Sessions**

13:30-15:00 (EST)

**Technical Sessions**

10:30-15:30 (EST)

**Poster Sessions**

**Technical Sessions:**

**PLENARY SESSION**

**Thursday, April 21**

**13:30-15:00 (EST)**

**Plenary Session and Keynote Address**

**Track**

**ALL**

**Room**

**Geneve**

① Virtual conference program schedule is listed in Eastern Standard Time (EST) - New York Timezone

**DAY 1**

**SESSION 1**

**Friday, April 22**

**9:00 - 10:30 (EST)**

**Human-centered Design I**

**Session Chair(s): Jan Holub, Czech Republic and Adria Mallol-Ragolta, Germany**

A Novel Method of Subjective Sound and Audio Playback  
User Experience Evaluation in Multitasking Context: Two Case Studies

Jan Holub, Magnus Schäfer, Jan Reimes, Yann Kowalczyk, Czech Republic

sustAGE 1.0 – First Prototype, Use Cases, and Usability Evaluation

**Track**

**IHIET 1**

**Room**

**Geneve**

Adria Mallol, Iraklis Varlamis, Maria Pateraki, Manolis Lourakis, Georgios Athanassiou, Michail Maniadakis, Konstantinos Papoutsakis, Thodoris Papadopoulos, Anastasia Semertzidou, Nicholas Cummins, Bj Schuller, Ion Karolos, Christos Pikridas, Petros Patias, Spyros Vantolas, Leonidas Kallipolitis, Frank Werner, Antonio Ascolese, Vito Nitti, Germany

Corpus-Based English Education and Translation of Ancient Chinese Terminology

Jiali Du, Christina Alexandris, Pingfang Yu, China

How to Design Assembly Instructions

Sven Hinrichsen, Dominic Bläsing, Germany

What situations trigger intense emotions in automobiles?

Kyungjoo Cha, Joseph Giacomini, Lee Skrypchuk, Youngok Choi, Bryce Dyer, United Kingdom

Human-Centred Principles for the Design of Shape-Changing Tangible User Interfaces

Khawla Aljammaz, Chris Baber, United Kingdom

Learning Design of Intelligent TV Interactive Interface for Aging Population Based on Kano Model

Tong Wu, Lu Yao Wang, China

Communication and Digitization for Sustainable Events

Eleonora Trivellini, Italy

**DAY 1**

		Track	Room
<b>SESSION 2</b>	<b>Artificial Intelligence, Computing and Intelligent Design I</b>	<b>IHIET 2</b>	<b>Lausanne</b>
<b>Friday, April 22</b>	<b>Session Chair(s): Aslihan Tecebayrak, New Zealand and Patrick Donnelly, USA</b>		
<b>9:00 - 10:30 (EST)</b>	An Abstract Model for Compassionate Game AI: Designing a Companion for a Compassionate Game Aslihan Tece Bayrak, New Zealand Mood Dynamic Playlist: Interpolating a musical path between emotions using a KNN algorithm Shaurya Gaur, Patrick Donnelly, United States Intellectual Capital and Measurement Methods: Some Specific Contributions from the Literature Oscar Ramada, Portugal The Impact of Virtual Reality on Gaming Experience: A Perspective from Half-Life on Steam Fangyu Yu, Ba Hung Nguyen, Duy Tai Dinh, Xueyou Wu, Yang Yu, Tsutomu Fujinami, Japan Machine learning agent to recommend the best modality for takeover during conditionally automated driving Emmanuel De Salis, Quentin Meteier, Marine Capallera, Colin Pelletier, Leonardo Angelini, Omar Abou Khaled, Elena Mugellini, Marino Widmer, Stefano Carrino, Switzerland Medical Diagnosis Classification Using WEKA José Machado, Nicolas Lori, Ana Coimbra, Filipe Miranda, António Abelha, Portugal Literador: a comprehensive tutoring system for Spanish writing Fernando Gutierrez, Christian Soto, Bernardo Riffo, Maria Fernanda Rodriguez, Ana Vine, Daniel Mora, Carolina Calbullanca, Paola Teppa, Isabel Cisternas,		

Cristian De La Fuente, Diego Palma, Antonio Gutiérrez,  
Chile

**DAY 1**

**SESSION 3**

**Intelligence, Technology and Analytics I**

**Track**

**Room**

**IHIET 3**

**Zurich**

**Friday, April 22**

**Session Chair(s): Eusébio Conceição, Portugal and  
Meher Khan, USA**

Design of Three-Dimensional Pine Tree Geometry and the  
Radiation Heat Exchanges in Fire Environments

Eusébio Conceição, João Gomes, Maria Manuela

Lúcio, Rafael Raposo, Xavier Viegas, M<sup>a</sup> Teresa Viegas,  
Portugal

Optimizing User-Specific Gait Cycle Metrics with LAAF  
Smart Insoles to Manage Chronic Pain

Meher Khan, Rumshaa Yunus, Ali Shafiq Malik, Zain

Hussain, Faasel Khan, United States

COMM-G: A Communication Glove for Smart  
Communication

Vaishali Vaswani, Akriti Kumar Singh, Anshuman

Shastri, Namrata Arora Charpe, India

Design of a Ventilation System Using a Vertical Confluent  
Multi-jets System

Eusébio Conceição, Vasco Correia, Maria Inês

Conceição, Maria Manuela Lúcio, João Gomes, Hazim  
Awbi, Portugal

**9:00 - 10:30 (EST)**

**10:30 - 11:00 • Sessions Break**

**DAY 1**

**SESSION 4**

**Human-computer Interaction I**

**Track**

**Room**

**IHIET 5**

**Geneve**

**Friday, April 22**

**Session Chair(s): Sebastian Wilhelm, Germany and  
Ahad Alotaibi, United Kingdom**

**11:00 - 12:30 (EST)**

Voice Controlled Devices: Awareness, Usage, and  
Reservations of Young Adults

Dietmar Jakob, Sebastian Wilhelm, Germany

Mixed Initiative Sensemaking With Unreliable Automation

Ahad Alotaibi, Chris Baber, United Kingdom

Guidelines for Social XR Implementation of Social Cues

Alexander Toet, Maikel Ter Riet, Tina Mioch, Tom F

Hueting, Jan B.F. Van Erp, Omar Niamut, Netherlands

Developing an AI-based Coaching Chatbot: A Study on  
Disclosure as Effectiveness Factor in Human-Machine-  
Coaching

Vanessa Mai, Caterina Neef, Anja Richert, Germany

The Design and Evaluation of an Eyes-Free Touchscreen  
Interface

Munyaporn Pooripanyakun, Andrew Wodehouse, Jorn  
Mehnen, United Kingdom

Psychophysical Analysis of Studying in Isolation: Learning  
in Pandemic Era

Namrata Arora Charpe, Anshuman Shastri, India

Visual Image Authentication

Michael Fiske, United States

**DAY 1****SESSION 5****Human-Technology and Future of Work I****Track Room**  
**IHIET 6 Lausanne**

Friday, April 22

**Session Chair(s): Isabella Hall, USA and Kavitha Palaniappan, Singapore**

11:00 - 12:30 (EST)

Trends in Remote Learning-based Google Shopping in the United States due to COVID-19

Isabella Hall, Nirmalya Thakur, Chia Y Han, United States

Integrating Solutions through Conversational AIoT in the Facilities Management Industry

Kavitha Palaniappan, Ken Herron, Singapore

An Approach to Investigate Public Opinion, Views, and Perspectives Towards Exoskeleton Technology

Nirmalya Thakur, Cat Luong, Chia Y Han, United States

Factors Influencing Citizens' Adoption of Smart Government Services: The Case of Saudi Arabia

Khalda Ali, Maram Alzaidi, Mrim Alnfiai, Saudi Arabia

**DAY 1****SESSION 6****Emerging Technologies and Business Applications I****Track Room**  
**IHIET 7 Zurich**

Saturday, April 23

**Session Chair(s): Peter Chunyu Yau, Singapore and Waldemar Bober, Poland**

11:00 - 12:30 (EST)

Machine Learning Usage in FMCG How Social Listening, Big Data, and AI Apply in the Business Decision Process

Peter Chunyu Yau, Singapore

Experimental geodesic dome with a sandwich panels structure

Waldemar Bober, Poland

AI Decision Making to Allocate Government Funds

Linda Bower, United States

Evolution of Chatbots for public services: how to get to the next level?



Stephan Raimer, Peter Weiss, Germany  
Investigating the Emergence of Online Learning in Different  
Countries using the 5 W's and 1 H Approach

Nirmalya Thakur, Isabella Hall, Chia Y Han, United  
States

Deconstructing informational pathway(s) for design of  
haptic communicative garments

Nils Persson, Sweden

12:30 - 13:30 • Sessions Break

**DAY 1**

**SESSION 7**

Friday, April 22

13:30 -15:00 (EST)

**Applications in Medicine and Healthcare I**

**Session Chair(s): Johannes Breuer, Germany and  
Martin Žagar, Croatia**

Interactive graphics for multidimensional pain assessment –  
a human-centered design and evaluation study with  
patients suffering from chronic pain

Johannes Breuer, Jan Willmann, Andreas  
Mühlenberend, Winfried Meissner, Christin Arnold, Philipp  
Baumbach, Germany

Novel motion detection algorithm of 3D medical data for  
diagnosis purposes

Martin Žagar, Alan Mutka, Hung Tai, Croatia  
Healthcare Data Management Using Blockchain:  
MyHealthMyData (MHMD) and PharmaLedger

Galia Kondova, Amala Arockia, Switzerland  
Machine Learning Detects Pairwise Associations between  
SOI and BIS/BAS Subscales, making Correlation Analyses  
Obsolete

**Track**

**IHIET 8**

**Room**

**Geneve**

Hermann Prossinger, Jakub Binter, Kamila Machova,  
Daniel Riha, Silvia Boschetti, Czech Republic  
The application of machine learning and deep learning to  
Ophthalmology: A bibliometric study (2000-2021)

Han Wang, Zefeng Li, China  
Multimodal visual, auditory, thermal, and tactile feedback  
during Brain-Machine Interface use by a spinal cord injury  
patient

Carla Paisv, Pedro Gaspar, Tânia Poleri, Demétrio  
Matos, Maria Azevedo, Miguel Gago, André Perrotta,  
Miguel Vieira, Portugal  
Inclusive tourism as an innovative social service for people  
with disabilities: recommendations for implementation

Oksana Kravchenko, Inna Zhrebko, Hennadii  
Rzhevskiy, Viktoriya Stanishevskaya, Olha Kozak, Ukraine

**DAY 1**

**SESSION 8**

**Friday, April 22**

**13:30 -15:00 (EST)**

**Management, Training and Business Applications I**

**Session Chair(s): Arthur Werle, Germany and Kazuo  
Hatakeyama, Brazil**

An approach for steering advancement in motorcycle riding  
simulation

Arthur Werle, Frank Diermeyer, Germany  
Implementation of the online eSocial platform for human  
resources tasks: A case study in small company for  
wholesale metal products

Kazuo Hatakeyama, Brazil  
Internationalisation of Finnish Firms and Use of Digital  
Solutions

Afnan Zafar, Marja Ahola, Finland

**Track**

**Room**

**IHIET 9**

**Lausanne**

Correctional and Developmental Work for Children With Down's Syndrome and Children with Autism by Means of Color and Music Therapy

Larisa Psheminska, Ukraine

Ways of Improving Management System for a Tourism Industry Development

Alina Yakymchuk, Oleksandr Halachenko, Inna Irtysheva, Mariana Popyk, Viktoriya Bondarenko, Liliya Kondratska, Kostiantyn Pavlov, Olena Pavlova, Tymur Evgenovych, Yanina Barybina, Iryna Hryhoruk, Nazariy Popadynets, Ukraine

Municipal Policy to Halt the Use of Rural Land For Shrimp Production: Example of Samborondón Canton

Fernando Alberto García Alarcón, Lizbeth Toapanta Orbea, Ecuador

**DAY 1**

**SESSION 9**

**Applications and Future Trends I**

**Track  
IHiet  
10**

**Room  
Zurich**

**Friday, April 22**

**Session Chair(s): Aidan MCGowan, UK and Pamela Finckenberg-Broman, Australia**

Teaching Programming during COVID lockdowns – a positive lesson

Aidan McGowan, Paul Sage, Janak Adhikari, Darryl Stewart, Philip Hanna, United Kingdom

Weaponized Artificial Intelligence (AI) and the Laws of Armed Conflict (LOAC) - the RAILE Project

Morgan M. Broman, Pamela Finckenberg-Broman, Australia

The regulation of artificial intelligence in the context of the European Commission's priorities

**13:30 -15:00 (EST)**

Maria Manuela Silva, Maria Ferreira, Dora Alves,  
 Portugal  
 Learning Sustainability through Digital/Social Media (DSM)  
 and its Impact on Students in Qatar  
 Mariem Fekih Zguir, Maryam Alhail, Muammer Koc,  
 Qatar  
 Urban Spatial Narration Research Based on Hybrid Space  
 Peian Yao, Stefano Follesa, China  
 Services performance with the process standardization for  
 tire rotation, alignment and balancing  
 Ana Álvarez Sánchez, Alexis Suárez Del Villar  
 Labastida, Jonathan Santiago Guevara Flores, Eric  
 Martínez Tocaronte, Ecuador

**15:00 - 15:30 • Sessions Break**

**DAY 2**

**SESSION 10**

**Human-centered Design II**

**Track**

**Room**

**IHIET 1**

**Geneve**

**Saturday, April 23**

**Session Chair(s): Yufei Li, Singapore and Paulo Tonin,  
 Brazil**

**9:00 - 10:30 (EST)**

Digital Fusion Points for shared technological knowledge:  
 Maintenance as a Balancing Action  
 Martina Biagi, Eleonora Trivellin, Italy  
 Design issues in setting up of a highly synchronous human-  
 in-the-loop system  
 Yufei Li, Sun Woh Lye, Terry Teo, Shi Yin Alden Tan,  
 Singapore  
 Sensory-perceptual attributes in the creation of the store's  
 image: how they act on user behavior and improve physical  
 retail experience

Paulo Eduardo Tonin, Celio Teodorico Dos Santos,  
Gabriela Mager, Elton Moura Nickel, Brazil  
Arduino-based system to identify sedentary behavior  
working in home office

Gabriela G. Reyes-Zárate, Jan Pablo Castillo Sánchez,  
Pablo Iván Solares Romero, Ricardo González Cerón,  
Narvick Nieto Gutiérrez, Mexico  
Strategies for improving packaging experience design of  
children's vitamin D3 drops

Liu Fuyong, Xun Gao, Yong Li, Wanying Cheng, China  
Packaging Design Strategy of Female Medical Injector  
Under Emotional Demand

Xun Gao, Liu Fuyong, Yong Li, Wanying Cheng, China  
A Landmark Detection and Iris Prediction Dataset for Gaze  
Tracking Research

Brett Thaman, Nicholas Caporusso, Trung Cao, United  
States

Lesson Learned of Tablet Course for Semi-literate  
Immigrants

Marja Ahola, Anita Hartikainen, Finland

## DAY 2

		Track	Room
<b>SESSION 11</b>	<b>Artificial Intelligence, Computing and Intelligent Design II</b>	<b>IHIET 2</b>	<b>Lausanne</b>
<b>Saturday, April 23</b>	<b>Session Chair(s): Jussi Okkonen, Finland and Petr Svoboda, Czech Republic</b>		
<b>9:00 - 10:30 (EST)</b>	Cognitive dissonance affecting information ergonomics in AI supported situational awareness context Jussi Okkonen, Matti Jalava, Heikki Masikka, Jaakko Hakulinen, Markku Turunen, Finland Artificial intelligence as a supplement in the teaching process Petr Svoboda, Czech Republic		

Hand Gesture Recognition For Sign Language  
 Syeda Miral Kazmi, Norway  
 Multi-Agent Strategies for Diverse Teams  
 D. Michael Franklin, United States  
 Stability of artificial intelligence controlled systems  
 Vaclav Jirovsky, Vaclav Jirovsky Jn, Czech Republic  
 The framing problem for visual representation modules in  
 neuro-symbolism for artificial intelligence  
 Dingzhou Fei, China  
 Forecasting Europe nuclear electric power using artificial  
 neural networks  
 Marwan Ashour, Zainab Hadi, Iraq

**DAY 2**

		Track	Room
<b>SESSION 12</b>	<b>Human-computer Interaction II</b>	<b>IHIET 5</b>	<b>Zurich</b>
<b>Saturday, April 23</b>	<b>Session Chair(s): Dietmar Jakob, Germany and Alexander Gerashchenko, Russia</b>		
<b>9:00 - 10:30 (EST)</b>	Imparting Media Literacy to the Elderly Evaluating the Efficiency and Sustainability of a two-part Training Concept Dietmar Jakob, Sebastian Wilhelm, Germany Human-computer Interaction in Connection with Conducting Online Classes: The Case of a Technological University in Russia during the COVID-19 Pandemic Alexander Gerashchenko, Tatiana Shaposhnikova, Russia Digital Skills and Competences in Contemporary Society Valentina Milenkova, Boris Manov, Bulgaria Interface design to address the constraints of situational visual impairments: the context of a nautical application Diogo Carvalho, Jorge Ferraz, João Miguel Dias, Portugal Software requirements for inclusive employment: accessibility, usability and user experience contributions		

Virgínia Chalegre, Ana Margarida Almeida, Portugal  
The emotional responses obtained from the interaction of a person with a mass-distributed virtual product derive from simple human behaviors.

Jorge Gil Tejada, Lorena Olmos Pineda, Mexico  
Evaluation of Indicative Symbol Coding for Fighter Cockpit HUD Based on Different Environmental Background

Xiangyang Zhang, Wenyu Wu, Ziwei He, Yingjing Li, China

**10:30 - 11:00 • Sessions Break**

**DAY 2**

**SESSION 14**

**Applications in Medicine and Healthcare II**

**Track**

**Room**

**IHIET 8**

**Geneve**

**Saturday, April 23**

**Session Chair(s): Miguel Pais Vieira, Portugal and Irina Kurnikova, Russia**

Monetary reward effects in tactile discrimination and neurophysiological activity during use of a tactile stimulation sleeve

**11:00 - 12:30 (EST)**

Carla Paisv, Demétrio Matos, André Perrotta, Miguel Vieira, Portugal

Frequency indicators of heart rate variability in assessing the effectiveness of antihypertensive therapy in patients with metabolic disorders

Irina Kurnikova, Shirin Gulova, Tatiana Nikishova, Nikolay Kislyy, Sofia Buturlina, Oksana Demina, Russia  
On the Product Service System Design of Diabetes Management for Patients

Zhiwei Mo, China  
Investigating the impact of COVID-19 on Online Learning-based Web Behavior

Nirmalya Thakur, Saumick Pradhan, Chia Y Han,  
 United States  
 Patient's Rights & Innovative Teaching Strategy (PRITS)  
 Dominique Correia, Songuel Yavavli, Delphine  
 Bonnard, Dominique Jaccard, Pierre-benjamin Monaco,  
 Félicia Bielser,  
 Switzerland  
 Integrating Big Data for measuring liver volume using  
 algorithms by removing noise and MRI modality  
 Khalda Ali, Amir Mohamed, Saudi Arabia  
 Development of a non-contact method for the examination  
 of emotional stability  
 Oksana Isaeva, Yuri Boronenko, Marina Boronenko,  
 Vladimir Zelensky, Russia

**DAY 2**

		Track	Room
<b>SESSION 15</b>	<b>Management, Training and Business Applications II</b>	<b>IHIET 9</b>	<b>Lausanne</b>
<b>Saturday, April 23</b>	<b>Session Chair(s): Ilona Boichevska, Ukraine and Nataliia Levchenko, Ukraine</b>		
<b>11:00 - 12:30 (EST)</b>	Necessity of distance learning implementation during the pandemic: modern reality of Ukrainian universities Ilona Boichevska, Liudmyla Veremiuk, Inna Nesterenko, Anna Ivanchuk, Inna Liubchenko, Lesia Polishchuk, Ukraine Youth Center Management: Training the Trainers for The "Effective Management of Youth Centers" Program Levchenko Nataliia, Nataliia Koliada, Yuliya Klymenko, Olha Matros, Inna Gonchar, Ukraine Information Management for The Projection of Productive Capacities Articulated to Export Scenarios Lloyd Herbert Lloyd Herbert, Olga Salazar, Homero Murzi, Sandra Durán Omaña, Juan Luis Arias, Colombia		



**DAY 2****SESSION 17****Human-centered Design III**

Track

Room

IHJET 1

Zurich

Saturday, April 23

**Session Chair(s): Stephan Raimer, Marleen Vanhauer, Germany**

11:00 - 12:30 (EST)

I don't understand you – error-handling as a key aspect of conversational design for chatbots

Stephan Raimer, Marleen Vanhauer, Germany

Ultrasound Feedback for Mid-Air Gesture Interaction in Vibrating Environment

Oleg Spakov, Ahmed Farooq, Hanna Venesvirta, Arto Hippula, Veikko Surakka, Roope Raisamo, Finland  
Design of smart products for the elderly based on affordanceMi Tian, Jie Zhang, Yuchao Cai, Xiaori Dong, China  
Advancing Spatial Ability in the Design of Discrete and Aggregated 3D Green Roof Modules

Deborah Middleton, Saudi Arabia

**12:30 - 13:30 • Sessions Break****Poster Demonstration Sessions:****DAY 1 - DAY 2****SESSION A****Poster Demonstration Session****Friday - Saturday, April 22-23, 2022 [10:30 - 15:30 EST]**

A-1

Measuring Quality of Mediated Social Communication

Navya N. Sharan, Alexander Toet, Tina Mioch, Omar Niamut, Jan B.F. Van Erp, Netherlands

- A-2** Developing a Virtual User's Autonomous Social Behaviors for Advanced Human Behavior Simulation in Atypical Architectural Design  
Yun Gil Lee, South Korea
- A-3** A harmonized, user-centered, multi-lingual referential for ICT devices and services  
Emmanuel Darmois, Martin Böcker, Omar Qawasmeh, France
- A-4** Comparison of Activation Function for Offline Handwritten Kanji Document Detection Using Convolutional Neural Network  
Adole Anthony, Edirisinghe Eran, Baihua Li, Chris Bearchell, United Kingdom
- A-5** Circadian Rhythm Tracking using Core Body Temperature Estimates from Wearable Sensor Data  
Martin Rerabek, Giovanni Schiboni, Ruben Oliveras, Philipp Eib, Fabien Rochat, Lukas Durrer, Anja Probst, Markus Schmidt, Krzysztof Kryszczuk, Switzerland

## DAY 1 - DAY 2

### SESSION B

#### Poster Demonstration Session

Friday - Saturday, April 22-23, 2022 [10:30 - 15:30 EST]

- B-1** MyRehab@Home: A mobile application using biofeedback and gamification to improve patient autonomy in rehabilitation programs after knee arthroplasty  
Jennifer Wegrzyk, Claude Pichonnaz, Hayman Lotfy, David Javet, Switzerland
- B-2** Framework for AI based UX: rethinking design process  
Greeshma Sharma, Jyoti Kumar, India

- B-3** What can awareness sensitive bicycle helmets contribute to push forward bicycle logistics?  
Johannes Schering, Harish Moturu, Jorge Marx Gómez, Germany
- B-4** Enthusiast versus Antagonist: Exploring the perceptions of data experts on the visualisation of uncertainty  
Joel Pinney, Fiona Carroll, Esyin Chew, United Kingdom
- B-5** The Influence of Globalization on a Country's Cultural Values: Has Globalization Influenced Power Distance among Countries?  
Yousif Abdelrahim, Marim Alenezi, Canada