

ITDRR 2021 Program

JST (Japan Standard Time), CEST (Central Europe Summer Time, Paris)

Paper Presentation Time: 30 minutes (20 minutes + 10 minutes Q&A)

Oct.25 (MON)

JST	CEST	
PM 4:00-4:30	AM 9:00-9:30	<i>Registration</i>
PM 4:30-5:00	AM 9:30-10:00	ITDRR 2021 Opening Session Greetings (Jun Sasaki) Welcome Speech (President Atsuto Suzuki) Greetings (Hitoshi Aida) Introduction to IFIP WG5.15 and Report from Program Committee (Yuko Murayama and Dimiter Velev)
PM 5:10-6:10	AM 10:10-11:10	Keynote 1 (Michinori Hatayama)
PM 6:10-6:20	AM 11:10-11:20	<i>break</i>
PM 6:20-7:50	AM 11:20-PM 0:50	Session 1: Information Analysis for Situation Awareness (Chair: Frederick Benaben, IMT Mines Albi, France) a. Shono Fujita and Michinori Hatayama: Development of Automatic Method to Calculate Damage Rate of Roof by dividing Roof Image into Sections by Image Segmentation b. Haruki Kanai and Kayoko Yamamoto: Flood Disaster Mitigation System Adopting Meteorological Data and Geographic Information Systems c. Manzu Gerald and Kayoko Yamamoto: Flood Disaster Management System for Situation Awareness and Response using Twitter Data
PM 8:00-8:50	PM 1:00-1:50	IFIP Working Group WG5.15 Meeting (WG members only)

Oct.26 (TUE)

JST	CEST	
PM 4:00-4:30	AM 9:00-9:30	<i>Registration</i>
PM 4:30-5:30	AM 9:30-10:30	Keynote 2 (Kenny Meesters)
PM 5:30-5:40	AM 10:30-10:40	<i>Break</i>
PM 5:40-7:10	AM 10:40-PM 0:10	<p>Session 2: Evacuation and Rescue (Chair: Marcos R. S. Borges Universidad de Navarra, Spain)</p> <ul style="list-style-type: none"> a. Makoto Kitsuya and Jun Sasaki: A Proposal of Evacuation Behavior Model by Using Open Data: A Case Study in Flood Disaster b. Yasuo Kawai: Agent-Based Tsunami Crowd Evacuation Simulation for Analysis of Evacuation Start Time and Disaster Rate in Zushi City c. Yoshihiro Terafuji and Michinori Hatayama: A study on rescue strategy in case of large scale flood damage in the Koto Delta region
PM 7:10-7:20	PM 0:10-0:20	<i>break</i>
PM 7:20-8:50	PM 0:20-PM 1:50	<p>Session 3: COVID-19 issues (Chair: Benny Benyamin Nasution, Politeknik Negeri Medan, Indonesia)</p> <ul style="list-style-type: none"> a. Tomohiro Kokogawa: Trial of Building Resilient Face-to-Face Classroom based on CO2-based Risk Awareness b. Keisuke Utsu, Natsumi Yagi, Airi Fukushima, Yuma Takemori, Atsushi Okazaki and Osamu : Analysis of Quote Retweets for COVID-19 State of Emergency Related Tweets Posted from Prefectural Governors' Accounts in Japan c. Jose J. Gonzalez and Colin Eden: Insights from the COVID-19 pandemic for systemic risk assessment and management

Oct.27 (WED)

JST	CEST	
PM 4:00-4:30	AM 9:00-9:30	<i>Registration</i>
PM 4:30-5:30	AM 9:30-10:30	Keynote 3 (Dr. Terje Gjøsæter)
PM 5:30-5:40	AM 10:30-10:40	<i>break</i>
PM 5:40-6:40	AM10:40 - AM 11:40	Session 4: IT use for risk and disaster management IT use for risk and disaster management (Chair: Osamu Uchida, Tokai University, Japan) a. Manoj Rajan and S Emily Prabha: Leveraging geospatial technology in disaster management b. Igor Grebennik, Yevhen Hubarenko and Maksym Ananiev: Information technologies for assessing the effectiveness of the quarantine measures
PM 6:40-7:10	AM 11:40 -PM 0:10	ITDRR 2021 Closing Session Paper Awards Ceremony Next Conference Announcement