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IDIMT 2022 (Sept 7 – 10, 2022, Prague)

Dear Colleagues!

I would like to remind of the 30th IDIMT Conference to be held in the beautiful and historically fascinating town of Prague on September 7 – 10, 2022. Prague has numerous historical buildings and a lovely setting along the Morava with the Hradčany Castle as a background.

We hope that after the two years of COVID restrictions we will create an interesting and challenging face-to-face Programme. The topics for this year are a mix of our traditional topics and – again – some newcomers. We are looking forward to the so-much-missed personal contacts and discussions.

We will keep the tradition of having an intensive discussion with the authors and the audience after every 3 to 5 papers. This is – in my opinion – one of the outstanding features of the IDIMT Conferences in addition to the diversity and breath of the topics. A further key feature of IDIMT is the quick return of reviews and - in the case of an initial rejection - the possibility to re-submit an improved paper.

The key dates are:

Start of submission January: 15, 2022

Latest submission: April 11, 2022

Submission of camera ready Papers : June 13

Final accept/reject decision: June 27

Topics., Chairs and abstracts (for further information see <https://idimt.org>)

Topic A: Management and Digitalization (Petr Doucek < doucek@vse.cz >)

Digitalization seems to be the most important challenge under today's conditions. Impact of digitalization.

1. *Digitalization of processes in business , state and public administration.*
2. *Impact of information technology digitalization changes on management, information distribution in organization and structures, communication between people and experience with communication tools .*
3. *Digitalization in industries – Industry 4.0 approach and its impacts on corporate governance and new business models . Comparison of digitalization level s on state and public administration between/among countries in Europe and the world. .*
4. *Methods and tools of artificial intelligence.*
5. *Security aspects of digitalization.*

Topic B: Innovations and Strategies in a Pandemic Era (Tomas Pitner < tomp@fi.muni.cz >)

Current pandemic has already in many cases changed the ways we communicate, do our work, and conduct business. It has reshaped priorities, it fostered new technology and usage patterns, it motivated

businesses and individuals to find or develop innovations to overcome limitations caused by coronavirus pandemic.

- 1. Business strategy changed by pandemic – innovation or a completely new business?*
- 2. Innovations specific to pandemic – new technology and innovated usage patterns.*
- 3. Increased cybersecurity threats and countermeasures during pandemic - perception and facts.*

Topic C: Complex digital approaches for Crisis Management – Blackout in pandemic times

(Georg Neubauer <georg.neubauer@ait.ac.at >, Karin Rainer (karin.rainer@ages.at)

The world is facing increasing challenges due to the combination of the ongoing COVID-19 crisis and other severe events such as disruptive blackouts. This topic creates a space for presenting and discussing insights on current challenges as well as solutions and approaches facing complex scenarios and crisis and disaster management. We focus on cooperative digital technologies and processes encompassing existing and future innovative solutions, situational awareness and interoperability, encompassing interaction and communication between professional crisis managers, public authorities, infrastructure providers, and first responders with specific groups of the population.

Topic D: Social media authenticity and transparency (Antonín Pavlíček <antonin.pavlicek@vse.cz>

Social media is one of the fastest growing segments of society, the development abrupt, full of new trends and technologies. This topic is devoted to various aspects of social media usage: in information management, in business, in education and other spheres of human activity. Special focus will be put on authenticity and transparency – i.e. how strongly are the virtual alter-egos related to real world individuals. How to authenticate users and contents to prevent fake news including the transparency of selection processes of social media platforms? Papers describing new aspects and possibilities of social media. Interesting case studies are welcome. Theoretical papers are also welcome.

Topic E: Health & Risk – Management, Communication and Analysis (Sabrina Scheuer, Yvonne Prinzellner <{Sabrina.Scheuer, Yvonne.Prinzellner}@johanniter.at >)

The Topic Health and Risk will give an interdisciplinary view on various risk related aspects in terms of health. Papers submitted to this Topic should offer insights into one or more of this very relevant aspects (including but not limited to): health communication, health psychology and other health related Topics as well as risk communication, risk management and risk analysis. The contributions can range from theoretical concepts to original empirical studies and applied research projects as well as solutions which allow to grasp the broader picture of risk and health."

Topic F: Smart Supply Chains (Radoslav Delina <radoslav.delina@Tuke.sk >)

Data economy and related innovation are nowadays affecting decision making of purchasers and relationship managers through increasing the efficiency of supply (chain) management. Drastic change leads to new ways for decision making support, automation of some decision making process, reducing risks and increasing transparency and visibility on the market. In line with this progress, new skills and competences are required as well as new data and data driven solution for increasing fairness, risk reduction and efficiency. This Topic will reveal new trends, problems, data science success and lessons learnt from related research and digital transformation in the world of practice.

Topic G: Cyber Security in a Digital World (Michael Sonntag < michael.sonntag@jku.at >)

Topics of interest for this Topic include security studies of (practical) systems and studies of system security; security protocols; security aspects of IoT, the web, DNS and the cloud; privacy in general and its interdependency with security; information system security management and legal aspects of security. Theoretical as well as practical approaches are welcome.

Topic H: Sustainability issues in performance management and business reporting

(Jaroslav Wagner < jaroslav.wagner@vse.cz >)

Environmental, social and ethical aspects of the business became a common part of a discourse on business strategies and models. How does it impact management control systems, performance measurement, and business and corporate reporting in different business settings? How do the organizations respond to the call of “global influencers” (like United Nations) and how do they act in compliance with the requirements of EU authorities?

Topic I: Smart Technologies for a Sustainable Green World

(Erwin Schoitsch <erwin.schoitsch@ait.ac.at >)

Smart technologies are not only drivers of economic and societal disruptive changes – they are a chance to shape our future in a beneficial way as enablers of a sustainable, “green” world. They are a means to support implementation of the 17 UN SDGs (Sustainable Development Goals) and the European Green Deal. This Topic intends to collect a set of paper contributions showing possible ways to achieve a better sustainable life. Papers may cover technologies, processes, organizational and management and standardization issues for smart, green and circular cities, mobility, farming, manufacturing etc. Mitigation of risks to safety, security, privacy and ethical aspects should not be forgotten.

Topic J: Challenges and Trends in Software Development

(Alena Buchalcevoá < alena.buchalcevoa@vse.cz >)

The focus of this section is pointed to challenges software development is faced nowadays and possibilities how to overcome them. We also welcome papers addressing recent trends in software development, like emphasis on cloud, growing use of block chain, evolution of AI, low-code/no-code development, progressive web applications, agile and DevOps.

Topic K: Virtual Collaboration & Exchange - emerging approaches and actual challenges

(Mattis Altmann < mattis.altmann@tu-dresden.de >)

Virtual Collaboration & Exchange is a Topic that is currently strongly discussed. Topics such as Internationalization@home, Virtual Mobility, Virtual Exchange, and COIL are increasingly coming into focus and allow an international exchange experience at an affordable price. It also promotes the inclusion of people who are spatially, financially or temporally bound to their location. Submissions can focus on local and international innovative teaching concepts, new didactic approaches, or current research findings regarding Virtual Teaching and Learning Concepts and practices from the higher education sector as well as from in-service training are welcome.

I hope to meet you at the IDIMT 2022 in Prague.

With my very best greetings

Yours sincerely

Gerhard Chroust (Programme Chair)

