

# International Conference *Interdisciplinary Information Management Talks (IDIMT 2019)*

**Petr Doucek**<sup>1</sup> | *University of Economics, Prague, Czech Republic*  
**Lea Nedomová**<sup>2</sup> | *University of Economics, Prague, Czech Republic*  
**Gerhard Chroust** | *Johannes Kepler University Linz, Linz, Austria*  
**Antonín Pavlíček** | *University of Economics, Prague, Czech Republic*

*The Interdisciplinary Information Management Talks (IDIMT)*<sup>3</sup> conference is among the conferences traditionally organized by the Department of Systems Analysis of the Faculty of Informatics and Statistics at the University of Economics in Prague, in cooperation with Johannes Kepler University Linz. Its predominant focus is on topics surrounding information management in various application fields, enterprise IT, and enterprise IT management. This year saw the conference's twenty-seventh iteration, bearing the subtitle "Innovation and Transformation in a Digital World." The conference's reputation is to be in close touch with current trends and a good indicator of future developments. The conference attracted papers from a total of 132 authors, with 43 submitted papers being accepted together with 11 invited papers. The authors have come from seven different countries: Austria, Czech Republic, Kazakhstan, Romania, Russia, Slovakia and Ukraine. It was held in early September in the historic town of Kutná Hora, in the pleasant environment of a former Jesuit campus that today houses the Central Bohemian Gallery (GASK).

The conference program was kicked off in the campus' beautifully ornamented refectory by Gerhard Chroust, professor emeritus at the University of Linz, who recalled the conference's long tradition and the changes over the twenty-five years of its existence. The next speaker at the gala plenary session was Jakub Fischer, dean of the Faculty of Informatics and Statistics, who welcomed the attendees and wished them a pleasant stay in Kutná Hora and great benefits from the conference, both from the conference papers themselves, and from informal meetings in the halls between presentations – meetings wherein new ideas and contacts for further research and teaching projects and collaboration often arise.

The next speaker, Christian W. Loesch – IBM's former director for Central and Eastern Europe – brought the conference from this general level down into individual topics, with a presentation entitled "ICT Future Scenarios: Visions and Challenges." His presentation interconnected the world of information and communication technologies with that of business and economics. Overall, it introduced some predicted scenarios for how the trends of artificial intelligence, quantum computing, supercomputing, and lateral ICT development might make a break-through into everyday economy. His presentation closed the introductory plenary block. It continued after a break with presentations in the conference's individual sessions.

<sup>1</sup> Faculty of Informatics and Statistics, University of Economics, Prague, W. Churchill Sq. 4, 130 67 Prague 3, Czech Republic.  
E-mail: doucek@vse.cz.

<sup>2</sup> Faculty of Informatics and Statistics, University of Economics, Prague, W. Churchill Sq. 4, 130 67 Prague 3, Czech Republic.  
E-mail: nedomova@vse.cz.

<sup>3</sup> More at: <<https://idimt.org>>.

Among the conference's most-visited session were "Digital Economy and Industry 4.0", "Innovations, New Business Models and Strategies", and "Social Media and On-Line Privacy." The conference's dominant focus will likely be clear from their names. The "Digital Economy and Industry 4.0" session presented the results of research on the digitalization of the economy in various countries and on the gradual transition towards a digital economy, primarily in industry, including the Internet of Things. Reflections on the development of the salaries of ICT employees formed another integral part of the papers. This session was well complemented by the visionary views in the "Society Beyond Industry 4.0: Smart Systems" session. The "Innovations, New Business Models and Strategies" session contained papers that presented specific impacts of information technologies on business models that are newly appearing in economics. This session also included papers on student start-ups and university activities aiming to support student business projects. The "Social Media and On-Line Privacy" session covered trending topics connected with the use of social media and its influence on human society. The remaining sessions primarily covered trends in information science. The "Digital Single Market Innovation" session covered the creation and presentation of a trust mechanism in the digital economic environment. The "Cybersecurity in a Digital World" session, by now a tradition at the conference, was dedicated to cybersecurity and information security – two highly relevant topics today. The theme of security appeared in other sessions as well, amounting to a thread that interwove the entire conference. The "Performance Management" session was a good complement to the conference's reflections on information science. It brought models for the deployment of new technologies back to the real world of costs and benefits.

This year, the conference included a half-day workshop dedicated to the EU Project "DRIVER+ (Driving Innovation in Crisis Management for European Resilience)". This project aims at supporting European Crisis Management (CM) by providing a large set of innovative solutions. Four papers presented relevant approaches: a digitalization of crisis management processes, an information strategy for CM, a dynamic state-of-the-art catalogue of currently available crisis management solutions ('PoS'), and a method for evaluating the similarity of existing crisis management definitions in standards and guidelines. In the subsequent hands-on workshop participants learnt how to upload, search and download solutions in the PoS.

This conference was partially funded through project IGA 409039 of the Faculty of Informatics and Statistics.