

OCTOBER 7-9, 2020

Opening and Welcome Session, Keynote speeches and Academic panels will be publicly available via provided Zoom links.
Conference sessions will be available to registered participants only via links that will be sent to them by e-mail 24h prior to conference beginning.

OCTOBER

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DAY ONE

9:30 - 9:45

Opening and Welcome Session

CHAIR: Vjeran Strahonja

🔗 <https://zoom.us/j/98186483502>

Open and available to the public

9:45 - 10:45

KEYNOTE SPEECH

The Convergence of Business Process Management and Digital Innovation

Jan Mending, *Vienna University of
Economics and Business, Institute for
Information Business, Vienna, Austria*

CHAIR: Vjeran Strahonja

🔗 <https://zoom.us/j/98186483502>

Open and available to the public

10:45 - 11:00 Break

11:00 - 12:00

KEYNOTE SPEECH

AI in Higher Education: Teaching and Learning Perspectives

Josep M. Duarte, *Universitat Oberta de
Catalunya, Educational Sciences
Department, Barcelona, Spain*

CHAIR: Nina Begičević Redep/Igor Balaban

🔗 <https://zoom.us/j/98186483502>

Open and available to the public

12:00 - 13:00 Break

Conference Sessions

13:00 - 13:30

Intelligent Information Systems

CHAIR: Jasminka Dobša/Ivan Magdalenić

**Emerging opportunities for education in
the time of COVID-19: Adaptive
e-learning intelligent agent based on
assessment of emotion and attention**

M. Horvat, T. Jaguš

**Topic Modelling in Social Sciences:
Case Study of Web of Science**

M. Buhin Pandur, J. Dobša, L. Kronegger

13:30 - 14:00 Break

Academic Panel

14:00 - 15:30

O_HAI @ Games - Orchestration of Hybrid Artificial Intelligence Methods for Computer Games

CHAIR: Markus Schattan

🔗 <https://zoom.us/j/99521075213>

Open and available to the public

15:30 - 15:45 Break

Conference Sessions

15:45 - 17:15

Software Engineering

CHAIR: Vjeran Strahonja/Zlatko Stapić

**Towards a Comprehensive Catalog of
Architectural and Design Patterns for
Blockchain-Based Applications: A
Literature Review**

M. Gasparič, M. Turkanović, M. Heričko

**Identification of reusability artifacts in
mobile application development process**

Z. Stapić

Quality of Software and Services

CHAIR: Melita Kozina/Valentina Kirinić

**An Overview of Global Professional
Publications related to Medical Device
Cybersecurity**

N. Hrgarek Lechner

**Attitudes of students and employers to
the use of student centers' IT services**

S. Nidogon Višnjić, K. Pažur Aničić

**Rethinking the process of the student
evaluation of teaching**

V. Kirinić, R. Mekovec, T. Zrinski

**Towards a Hybrid Model for the
Evaluation of Critical IT Systems**

D. Maček, I. Magdalenić, N. Begičević Redep

Parallel Events

14:00 - 18:30

Student Poster and Presentation Section: Online Presentations

CHAIR: Violeta Vidaček-Hainš

🔗 <https://bbb.foi.hr/b/vio-mjt-ujg>

Open and available to the public

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DAY TWO

Conference Sessions

9:00 - 10:30

Education and Learning Analytics

CHAIR: Igor Balaban

A Case Study of Students' Usage of a Platform for Digital Competence Certification in Schools

A. Sobodić, I. Balaban, D. Filipović

Aspects of information literacy in higher education: an overview

Lj. Hajdin, V. Sekovanić

Users' needs assessment for chatbots' use in Higher Education

O. Tsivitanidou, A. Ioannou

An instrument for evaluation of the use of the web conferencing system BigBlueButton in e-learning

A. Čižmešija, G. Bubaš

The Occupational Standards Evaluation according to CROQP

M. Klačmer Čalopa, S. Lovrenčić, R. Mekovec, R. Picik

Satisfaction with distance education at the time of the outbreak of the Covid-19 virus epidemic among pupils and students

M. Potrč, M. Repič, M. Krašna

10:30 - 11:00 Break

11:00 - 12:00

Sponsors Section

DignetSoftware, Oracle, InfoDom

12:00 - 12:30 Break

12:30 - 13:45

Emerging Trends in ICT

CHAIR: Neven Vrčec/Sandra Lovrenčić

Complex digital citizen services in coronavirus age

V. Buselic, M. Slamić, A. Kovačević

Adoption and usability of low-code/no-code development tools

T. Beranić, P. Rek, M. Heričko

Internet of Things Interoperability within Communication Scope – Literature Review

D. Sokač, N. Vrčec

The use of Gamification in Smart Sport Training

A. Rajšp, M. Heričko, I. Fister Jr.

Usage and role of open government data and public policies of 54+ citizens e-Inclusion issues

R. Zdjelar, N. Žajdelra Hrustek, N. Vrčec

13:45 - 14:00 Break

Parallel Events

11:00 - 12:30

Eden Phd Symposium 2020

Academic Panel

14:00 - 15:30

Universities of the Future

CHAIR: Blaženka Divjak

📍 <https://zoom.us/j/93640016631>

Open and available to the public

15:30 - 15:45 Break

Conference Sessions

16:00 - 17:15

Computer Games

CHAIR: Mario Konecki/Markus Schatten

Orchestration Platforms for Hybrid Artificial Intelligence in Computer Games - A Conceptual Model

M. Schatten, B. Okreša Đurić, I. Tomičić

Towards Application Programming Interfaces for Cloud Services Orchestration Platforms in Computer Games

M. Schatten, B. Okreša Đurić, I. Tomičić

Data and Knowledge Bases

CHAIR: Alen Lovrenčić/Mirko Maleković/Kornelije Rabuzin

Data warehouse and data quality – an overview

H. Brajković, D. Jakšić, P. Poščić

Characteristics of Graph Database Benchmarks

V. Juričić, M. Radošević

Process mining and data warehousing – a literature review

S. Križanić, K. Rabuzin

OCTOBER

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DAY THREE

Conference Sessions

9:00 - 10:45

Strategic Planning and Decision Making

CHAIR: Nina Begičević Ređep/Tihomir Hunjak

Predicting the result of a Managerial Game using a Multi-Label Prediction Models

S. Radovanović, N. Zornić, B. Delibašić, A. Marković, M. Suknović

Towards a strategic approach to attracting female students and researchers in the ICT field

L. N. Zlatolas, M. Pušnik, T. Beranić, M. Heričko

Analysis of strategic planning assistance tools

M. Pušnik, B. Šumak, U. Štumfil

National Research Funders' Collaboration - Strengthening the Regional Research Landscape

J. Györkös

Using lean principles in IT project management as a response to market needs – case study of Croatian IT companies

K. Češković, K. Pažur Aničić

Assessing Digital Transformation Readiness Using Digital Maturity Indices

A. Kutnjak, I. Pihir, M. Tomičić Furjan

10:45 - 11:00 Break

11:00 - 13:00

ICT Entrepreneurship and Innovation

CHAIR: Ksenija Vuković/Marina Klačmer Čalopa

Digital maturity of auditing companies in the Republic of Croatia

D. Dobričić

Conceptual Analysis of the Digital Innovation Hub as a Value Delivery System

M. Jurčić, V. Strahonja

The Role of Symbolic Capital among Entrepreneurs in the Croatian Software Industry

T. Šmaguc, K. Vuković

Good Practices and Tools for Digitalization of SMEs in the Natural Fiber-based Value Chains

Š. Pečnik, M. Šestak, K. Kerman, P. Rek, T. Beranić, A. Kamišalić

Change management as a support to the organizations' digital transformation – state of the art

D. Lugonja

The Contribution of Women on Corporate Boards: board's effectiveness

I. Miholić, M. Klačmer Čalopa, I. Đ. Kokotec

Agile vs. Traditional Methods for Managing IT Projects: A Case Study

A. Vresk, I. Pihir, M. Tomičić Furjan

The Impact of Influencers on Purchasing Decision Making Process - An Example of Croatian Social Networks Users

S. Mesarić, I. Gregurec

13:00 - 13:15 Break

13:15 - 13:45

Best Paper Award, CECIIS 2021 Announcement, Conference Closing