



# INFORMATION LITERACY AND DEMOCRACY CONFERENCE 2021

Perspectives of Media and Information Literacy Education

IDS  
SA  
2021

# AGENDA

# DAY 1 / Sunday, 28.11.2021.

## Expert workshop with Librarians: Perspectives and Challenges for School Librarians

Venue: Faculty of Political Sciences Sarajevo

Time: **12:00 – 15:00** (with coffee break)

Participants: 30 librarians from Bosnia and Herzegovina

## **KEYNOTE: Juanjo Boté, PhD, Full Professor, Universitat de Barcelona (Spain) / Multimedia in Education**

Martina Dragija Ivanović, University of Zadar (HR)

Saša Madacki, Institute for Social Science Research, Faculty of Political Sciences Sarajevo (BIH)

Emina Adilović, Institute for Social Science Research, Faculty of Political Sciences Sarajevo (BIH)

Certificates for Librarians

Expert Meeting

# **DAY 2 / Monday, 29.11.2021.**

## **IDESA 2021 Conference**

Moderators: Emir Vajzović, Mario Hibert (University of Sarajevo),  
Thomas Mandl (University of Hildesheim)

**09:30 – 09:45** Welcome note  
(University of Sarajevo, University of Hildesheim)

**09:45 – 10:15 Reflexions on the Margins** Vajzović, E. et al. (2021)  
“Media and Information Literacy: Learning Design for  
Digital Age” / Srećko Jelušić, University of Osijek,  
University of Zadar (HR), full professor, retired.

**10:15 – 10:30 Strategy of MIL in Canton Sarajevo** / Sanel Huskić,  
Institute for Social Science Research, Faculty of Political  
Sciences Sarajevo (BIH)

**BREAK (10:30 – 10:45)**

# **DAY 2 / Monday, 29.11.2021.**

## **IDESA 2021 Conference**

- 10:45 – 11:15 Disinformation Dilemma in Democracies /**  
Wolf Schünemann, University of Hildesheim (DE)
- 11:15 – 11:45 OERs and democratization of digital education  
in crisis situation /** Milijana Mićunović, Kristina  
Feldvari, University of Osijek (HR)
- 11:45 – 12:15 Intercultural perspectives on information literacy (IPIL):**  
A transnational online course and possibly more /  
Joachim Griesbaum, Theresia Woltermann,  
University of Hildesheim, Institute of Information  
Science and Language (DE)
- BREAK (12:15 – 12:30)**
- 13:00 – 13:30 SPECIAL GUEST SPEAKER: Media and Information  
Literate Citizens: Thinking Critically, Clicking  
Wisely. /** Dr. Alton Grizzle, Program Specialist –  
Section for Media and Information Literacy and  
Media Development. Communication and Information  
Sector, UNESCO, Paris (FR)

# **DAY 2 / Monday, 29.11.2021.**

## **IDESA 2021 Conference**

**13:00 – 13:30 Information and Media Literacy at the University of Sarajevo / Emir Vajzović, Mario Hibert, University of Sarajevo (BIH)**

**13:30 – 14:00 Creative Coding in Balkan Schools: Making Algorithmic Art a Part of Official High School Curriculum in Serbia / Uroš Krčadinac, Faculty of Media and Communications, Singidunum University, Belgrade (SRB)**

**14:00 – 14:15 DISCUSSION**

**14:15 – 15:00 KEYNOTE: Developing Metaliterate Learners to Advance Democratic Ideals / Tom Mackey and Trudi Jacobson, SUNY Empire State College, University at Albany (USA)**

**15:00 / CLOSING REMARKS**

**ABOUT | ID  SA**  
**■ 2021**

#IDESA2021


## Information Literacy and Democracy: Perspectives of Media and Information Literacy Education

At the first online IDESA Conference held on 4th December 2020 in Sarajevo, that highlighted various aspects of information and media literacy with particular emphasis on the role of information professional for civic development in Bosnia and Herzegovina, this year's, second hybrid (online) IDESA 2021 will be held on 28th and 29 November 2021 in Sarajevo / Faculty of Political Sciences, University of Sarajevo.

IDESA 2021 – INFORMATION LITERACY AND DEMOCRACY: PERSPECTIVES OF MIL EDUCATION will introduce various aspects of media and information literacy, different approaches, and practices but also to articulate perspectives for the further development of digital learning.

It goes along with ongoing discussions and activities hosted by Institute of Social Science Research of the Faculty of Political Sciences (University of Sarajevo) that in cooperation with the University of Hildesheim (Germany) follow joint efforts to engage in wider academic discourses for the benefit of fostering democratization of learning processes.





Since the Institute of Social Science Research has recently developed and published a series of documents and books for the integration of MIL curricula in schools, this conference should serve as capacity building forum for educators, teachers, librarians, academics, information professionals, students etc. especially those who are focused on transferring MIL knowledge and skills.

On the first day we are going to gather school librarians from Bosnia and Herzegovina (who have been attending online programs and training in media and information literacy for the last two months) at the expert workshop while the second day should offer insights on perspectives of digital education from the internationally renewed speakers.

# **PARTICIPANTS**

# JUANJO BOTÉ

University of Barcelona

EXPERT WORKSHOP

D1: 12:00 - 15:00



**Juanjo Boté** is Professor at Universitat de Barcelona. He holds a Ph.D. in Information and Documentation of the Information Society at the Universitat de Barcelona. He is currently a professor at the Department of Library Science, Documentation, and Media Studies. He is a member of the Center for Research in Information, Communication, and Culture (CRICC) and is a researcher for the GENDIMS group (Gender Perspective in Information and Media Studies). His publications are related to digital preservation, scientific data management, information literacy, and educational videos. He teaches courses on the generation of scientific information management, educational videos, and research methodology.



# MARTINA DRAGIJA IVANOVIĆ

University of Zadar

EXPERT WORKSHOP

DI: 12:00 - 15:00

**Marina Dragija Ivanović** is an assistant professor at the Department of Information Science, University of Zadar, Croatia. Her research interest includes evaluating impact of a public libraries in society, public library services in rural areas especially deprived places. Her research is also focused on the position of information institutions in information society and reading studies and research methods in LIS. Previously she worked as a librarian in Public Library Zadar as coordinator for the development of library network in Zadar County. She is the recipient of the Ljerka Markić Čučuković Award, awarded to the best LIS student at University of Zagreb (1999), the Croatian Librarians' Association (CLA) award Eva Verona which is presented to young librarians, CLA members, for their outstanding dedication to work (2008).

# SAŠA MADACKI

University of Sarajevo

EXPERT WORKSHOP

D1: 12:00 - 15:00



**Saša Madacki** graduated from the Faculty of Philosophy at the Department of Comparative Literature and Librarianship. Currently is PhD student in Information Science at University of Zadar. He was engaged as a lecturer in Academic Writing at the Faculty of Political Science, invited lecturer in the field of documentation at the Danish Institute for Human Rights, lecturer in the field of information literacy at the Center for Interdisciplinary Postgraduate Studies, University of Sarajevo. Saša's previous experience include: Referral Archivist in Federal Archives of Bosnia and Herzegovina, Humanities Librarian at the State Archives of Bosnia and Herzegovina, Research Librarian at the Soros Media Centre, Theatre History Researcher at the National Museum of Literature and Theatre Arts.



# EMINA ADILOVIĆ

University of Sarajevo

EXPERT WORKSHOP

DI: 12:00 - 15:00

**Emina Adilović** (born 1995 in Zenica, BiH) has recently completed a master's in Comparative Literature and Information Science. From 2017 to 2018 she works for the publishing house University Press, and from 2018 to 2019 for Buybook d.o.o. She published theater, literary, film and reviews on the portals Pozorište.ba, Prometej.ba, Analiziraj.ba, Balkansmedia, Oslobođenje KUN, Preokret.info, EU-Monitoring.ba, PEN Centar and articles in the journals Behar, Bosniaca and Novi Izraz. Since 2019, she has been working as an information expert in the Media and Information Literacy project of the Faculty of Political Sciences in Sarajevo.

# EMIR VAJZOVIĆ

University of Sarajevo

IDESIA 2021

D2: 09:30 - 09:45; 13:00 - 13:30



**Emir Vajzović** is Associate Professor at Security and Peace Studies Department and Head of the Institute for Social Sciences Research of the Faculty of Political Sciences, University of Sarajevo. He graduated B.A. in Communications and B.A. in Criminal Justice, M.A. in Human Rights and Democracy (University of Bologna and University of Sarajevo) and PhD in Political Sciences from Faculty of Political Sciences Sarajevo. Vajzović has cumulatively over 20 project-years of experience as project manager and /or head researcher. In research and academic work, he applies an interdisciplinary approach in understanding the complexities of the digital transformation of society, education, media, politics, human rights, security, hybrid asymmetric cyber threats; and its implication to education, democracy and security.



# MARIO HIBERT

University of Sarajevo

**IDESA 2021**

**D2:** 09:30 - 09:45; 13:00 - 13:30

**Mario Hibert** is Associate Professor at the Department of Comparative Literature and Librarianship, Faculty of Philosophy, University of Sarajevo. He holds a doctoral degree in information and communication sciences, Faculty of Humanities and Social Sciences, University of Zagreb, Croatia; and has a Master's Degree in Human Rights and Democracy from the Center for Interdisciplinary Postgraduate Studies, University of Sarajevo and University of Bologna. He is actively involved in EU/UNESCO's project „Building Trust in Media in South East Europe and Turkey“ (2017- 2019) implemented by the Institute for Social Research at the University of Sarajevo, Faculty of Political Sciences.



# THOMAS MANDL

University of Hildesheim

IDESIA 2021

D2: 09:30 - 09:45



**Thomas Mandl** studied information and computer science at the University of Regensburg and at the University of Illinois at Champaign/Urbana. He worked as a research assistant at the Social Science Information Centre in Bonn, Germany and is currently Associate Professor at the University of Hildesheim in Germany where he is teaching in the programme International Information Management. He received a doctorate degree and a post doctoral degree from the University of Hildesheim. His research interests include information retrieval, human-computer interaction and internationalization of information technology.



# SREĆKO JELUŠIĆ

University of Osijek

IDESIA 2021 - REFLECTIONS ON THE MARGINS

D2: 09:45 - 10:15

**Srećko Jelušić** was during his professional career journalist for Zagreb television and Radio Rijeka (Fiume), manager of the Rijeka Publishing House, director of the University Library in Rijeka, director and editor in chief of Begna Publishing, professor at the University of Osijek and, finally, professor at University of Zadar from 2005-2015. He retired (2015.) as Full professor at the Department of Information Sciences at the University of Zadar. As guest professor, Jelušić was engaged at University of Boros Sweden and University of Graz. He was also vicerector for international relations at the University of Zadar from 2005. – 2010. Author of three books: Structure and Organization of Library Systems , A Librarians Guide How to Publish and Essays on Publishing. He was president of Croatian Library Association and of Croatian Independent Publishers.

# SANEL HUSKIĆ

University of Sarajevo

IDESIA 2021

D2: 10:15 - 10:30



**Sanel Huskić** is Sarajevo based research analyst with more than 20 years of professional experience. He was involved with numerous international and intergovernmental organizations in this capacity (OSCE, USAID, UNDP, UNESCO, UNICEF, UNHCR, EU, EUSR, etc.) as well as government institutions and CSOs (including the leading think tank in Bosnia and Herzegovina at that time) in Western Balkans. He holds MA in Human Rights and Democracy from the University of Sarajevo and the University of Bologna. Currently, he is enrolled on PhD program in Global Studies with the Center for Interdisciplinary Studies of University of Sarajevo and as a senior research analyst with the Institute for Social Research of the Faculty of Political Science of the University of Sarajevo. He is a consultant and activist with several organizations and on numerous initiatives.



# JOACHIM GRIESBAUM

University of Hildesheim

**IDESA 2021**

D2: 11:45 - 12:15

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**Joachim Griesbaum** teaches in the fields of information management, knowledge management, computer mediated communication, e-learning and online marketing. The main focus of his research is information behavior, e-learning, and online marketing. In the context of information literacy he is currently conducting projects on "Information literacy and democracy", "Intercultural perspectives on information literacy", and "Information literacy in rural areas".

# THERESIA WOLTERMANN

University of Hildesheim

IDESIA 2021

D2: 11:45 - 12:15



**Theresia Woltermann** worked as a research associate in the project "Intercultural Perspectives on Information Literacy" at the University of Hildesheim until September 2021 and completed her Master of Arts in 2020 in International Information Management with a focus on linguistics and intercultural communication. Since October 2021, she has been a doctoral student conducting research in the follow-up project "Intercultural Perspectives on Information Literacy and Metaliteracy".



# MILIJANA MIČUNOVIĆ

University of Osijek

**IDESA 2021**

D2: 11:15 - 11:45

**Milijana Mičunović** (born and raised in Osijek) after finishing college spent a year working at City and University library before 'going back' to University. Today she works at the Department of Information Sciences, Faculty of Humanities and Social Sciences. She teaches different courses [from (history of) communication to human-technology interaction], likes to work with students, and some of her professional interests are human-technology interaction, digital anthropology and communication.

# KRISTINA FELDVARI

University of Osijek

IDESIA 2021

D2: 11:15 - 11:45



**Kristina Feldvari** is an assistant professor at the Department of Information Sciences, Faculty of Humanities and Social Sciences, University of Osijek. In 2008 she obtained the Master's degree and in 2014 a PhD in Information Sciences from University of Zadar. Her areas of interest are, among others, organisation of information, information retrieval, information behaviour and information seeking, subject indexing, and information literacy. She is actively involved in organizing conferences, participatig in domestic and international conferences (ECIL, HCI, LIDA, INFuture, Valis Aurea etc.) and research. She was a member of the program and organizing committee for the European Summer School on Information Science in Osijek (2019; 2021). Since 2020, she is actively involved in a Department in Osijek got a two-year Erasmus+ project Digital Education for Crisis Situations: Times when there is no alternative (DECriS) in which she is actively involved.



# WOLF SCHÜNEMANN

University of Hildesheim

IDESIA 2021

D2: 10:45 - 11:15

**Wolf Schünemann** is an Assistant Professor for Political Science with a focus on Internet and Politics at Hildesheim University. Before joining the department he held a postdoc-position at Heidelberg University. His research interests cover the fields of digital governance and politics, Computational Social Science, EU governance and discourse research. Recent research articles have appeared in leading academic journals such as West European Politics, Journal of European Integration or New Media and Society.



# ALTON GRIZZLE

UNESCO, Paris

**SPECIAL GUEST SPEAKER**

D2: 12:30 - 13:00



**Alton Grizzle**, Ph.D., is a Program Specialist at Section for Media and Information Literacy and Media Development and at Communication and Information Sector in UNESCO, Paris. He has a diverse education and experience in the fields of education, management, information systems and media and communication. He has conceptualized and spearheaded many projects and co-authored and edited books and articles relating to media and information literacy, gender and media, media development, communication for development. Prior to UNESCO, he was an educator/principal at secondary school and adult vocational training levels of the education systems in Jamaica for ten years.



# UROŠ KRČADINAC

Singidunum University

IDESIA 2021

D2: 13:30 - 14:00

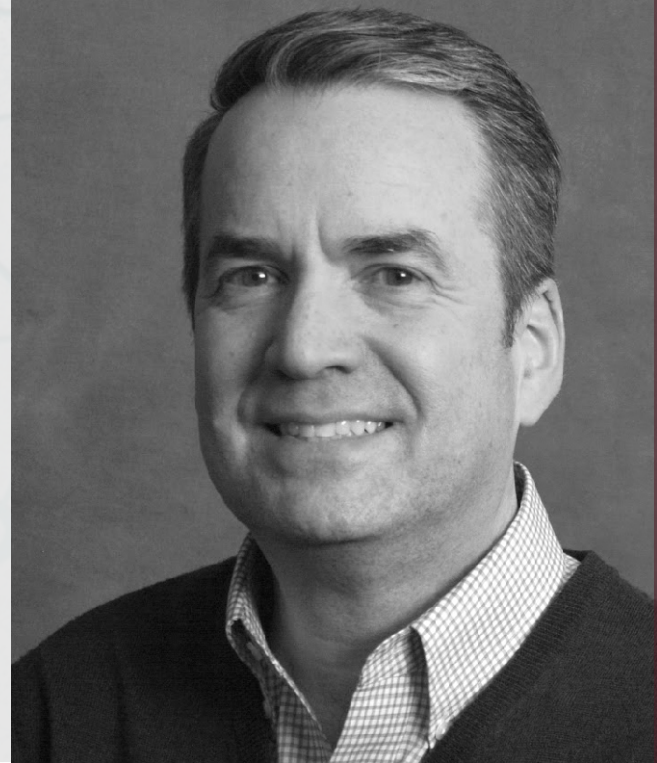
**Uroš Krčadinac** (born 1984) is a Belgrade-based digital artist, technologist, writer, and educator interested in new ways of sensing and feeling the shared world of humans, networks, and data. Currently, he works as an Assistant Professor of Digital Art and Computing at the Faculty of Media and Communications, Singidunum University, Belgrade. His transdisciplinary media projects combine data art, computer science, writing, mapmaking, digital drawing, and animation. His work has been shown at festivals and conferences in Europe, Asia, and North America. Professor Krčadinac's work was published in scientific local, regional and international journals while his projects were covered by Creative Review, Vizkultura, and VisualComplexity, and awarded by iDMAa, University of Belgrade, Belgrade Chamber of Commerce, and Belgrade Documentary and Short Film Festival.

# THOMAS P. MACKEY

Empire State College, SUNY

KEYNOTE

D2: 14:15 - 15:00



**Thomas P. Mackey**, Ph.D. is Professor in the Department of Arts and Media in the School of Arts and Humanities at State University of New York (SUNY) Empire State College. He is the recipient of the Dr. Susan H. Turben Chair in Mentoring foundation award. In 2021, he was appointed Extraordinary Professor, Research Unit Self-Directed Learning, Faculty of Education, North-West University, South Africa. Prof. Mackey's research and teaching investigates the theoretical and applied dimensions of metaliteracy, self-directed learning (SDL), multimodality, and the collaborative production of new knowledge. His forthcoming book co-authored with Trudi E. Jacobson is entitled *Metaliteracy in a Connected World: Developing Learners as Producers* (2022). Prof. Mackey teaches Digital Storytelling, The History and Theory of New Media, Information Design, Ethics of Digital Art and Design, and has developed several metaliteracy MOOCs, including the most recent for Coursera, *Empowering Yourself in a Post Truth World*.



# TRUDI E. JACOBSON

University at Albany, SUNY

**KEYNOTE**

D2: 14:15 - 15:00

**Trudi E. Jacobson** M.A., M.L.S., Distinguished Librarian, is the Head of the Information Literacy Department at the University Libraries, University at Albany. Her interests include metaliteracy, renewable assignments, open educational practices, and student motivation. She has collaborated frequently with Tom Mackey, including co-editing or co-authoring four books on metaliteracy (one to be published in early 2022) and four volumes on aspects of collaboration between librarians and disciplinary faculty members. She is the co-author of *Motivating Students in Information Literacy Classes* (2004) with Lijuan Xu and co-editor, with Kelsey O'Brien, of *Teaching with Digital Badges* (2018). She is the editor of the *Innovations in Information Literacy* series. From 2013 – 2015, she co-chaired the ACRL Information Literacy Competency Standards for Higher Education Task Force. In 2021, she was appointed Extraordinary Professor, Research Unit Self-Directed Learning, Faculty of Education, at North-West University in Potchefstroom, South Africa.

# ABSTRACTS

**Reflections on the  
Margins of the Emir  
Vajzović's et al. book  
'Media and  
Information  
Literacy', 2021.**

Srećko Jelušić  
University of Osijek/ University of Zadar



## Abstract

The lecture will explain how the reading of Emir Vajzović's and his colleagues' book *Media and Information Literacy* published in Sarajevo in 2021 by the Faculty of Political Sciences could inspire the readers to raise questions concerning contemporary media and information literacy education. These questions might be considered within: 1. the context of ideas expressed in the books published by the „giants“ that were the theoretical support to the authors of the book we are concerned with (Max Weber, Marshall McLuhan and others), 2. the lecturer's personal experience gained in researching student reading habits and teaching courses on Information Society and Sociology of a Book at the University of Osijek and University of Zadar, 3. contemporary research on media literacy in Croatia.

# **Strategy of Media and Information Literacy in Canton Sarajevo**

Sanel Huskić  
University of Sarajevo





## Abstract

Developing strategic approach in integration of Media and Information Literacy in complex educational environment, such as Bosnia and Herzegovina, and the drafting process for Strategy encompassed a thorough research and intensive consultations with all key stakeholders. The process was initiated in 2017 and since then it involved experts and practitioners, drew knowledge and experience for developing the Hybrid Model of Multistage integration of Media and Information Literacy; process was led by the Institute for Social Science Research, Faculty of Political Science, University of Sarajevo with the support of UNESCO. Over 1.500 individuals were involved in various ways (research, development, training, workshops, conferences, and consultation) and in various stages of this process. As the end result this policy intervention ensures the development of education and science as strategic priorities of Sarajevo Canton that can bring long-term social stability, economic progress, and encourages the development of a knowledge society in which media and information literacy has one of the leading roles. Due to this public policy media and information literacy, based on the principles of lifelong learning, is recognised as an umbrella competence that is assumed in a society that has undergone digital transformation and expects the citizen to be sufficiently informed and educated to be an equal participant in democratic discourse and as a proactive independent subject. Policy implications and impact are intertwined with range of beneficiaries and processes ranging from quality upbringing of children to scientific research activities. Strategy will significantly affect the quality of life of each individual in the Sarajevo Canton and contribute to the positioning of Canton as a social community that is ensuring realization of rights and freedoms for the overall social development.

**Intercultural  
Perspectives on  
Information Literacy  
(IPIIL): A Transnational  
Course and Possibly  
More**

Joachim Griesbaum  
Theresia Woltermann  
University of Hildesheim



## **Abstract**

This talk presents the project "Intercultural perspectives on information literacy". The aim of the project is to provide a joint learning space in which students from different locations learn about topics related to information literacy. Working together with students from other countries and the inclusion of transnational perspectives of information literacy in the learning process should also foster intercultural learning.

In its initial stage, the project was based on a cooperation between the University of Hildesheim and the Symbiosis College of Arts & Commerce Pune. At current, the project, rebranded as "Intercultural perspectives on information literacy and meta literacy", has developed as a project of six international partners from five countries: Austria, Bosnia-Herzegovina Germany, India, United States of America. In the talk, the concept and course of the project as well as some preliminary results will be presented.

# **OERs and Democratization of Digital Education in Crisis Situation**

Milijana Mićunović  
Kristina Feldvari  
University of Osijek



## Abstract

Digital education (DE), together with Open Educational Resources (OERs) has a potential to decrease disparities in access to learning during crisis situations and enable a more effective response to emerging challenges. It offers great support and provides substantial framework for online and distant teaching and learning, both during crisis situations and in general. One such crisis situation, the COVID-19 pandemic, created one of the biggest disruptions in education worldwide. Both students and teaching/training staff had to adapt very fast to the upcoming changes. Though DE and adoption of education technology are not the result of the current crisis, they gained a significant attention during COVID-19 pandemic. The pandemic altered the educational landscape in ways that challenged the existing higher education institutions' (HEIs') infrastructure, programme curricula, teaching and learning process and administration. Some of the outcomes of this disruption were the increase in the use of digital tools, online resources and open educational resources, and modification of both didactics and methodology which were now more oriented towards open education. We could say that this pandemic created an opportunity for higher education institutions to incorporate and make greater use of DE, OERs and open education in general. Yet, although some practices were upscaled and many new arose during COVID-19 pandemic, the question is whether they should all become standardised, i.e. become a standard practice even outside the crisis situation scenarios. The question of standardization of emerged models, systems and practices is important in the context of establishing appropriate policies, strategies and practices for their implementation that will, in return, maximize their transformative potential. In order to determine the dynamics and changing character of education in crisis situation and its support of innovative educational practices, we conducted a questionnaire-based exploratory research aimed at heads and directors of Library and Information Sciences (LIS) schools and departments who could provide us with an insight into their institutional practices and policies. The research was done as part of the Erasmus+ project Digital Education for Crisis Situations: Times when there is no alternative (DECriS). Our goal was to identify state-of-the-play of the use of DE and OERs at European HEI in the field of library and information sciences (LIS) during COVID-19 pandemic. In particular, we wanted to determine which DE tools, practices and strategies did HEI in the filed of LIS adopt and how did they organize DE in the context of the current crisis of COVID-19 pandemic. Identifying challenges and critical success factors referring to the adoption of DE and OERs contributes to their further optimization which can have a positive impact of the future digital transformation of higher education and facilitate its sustainability. Survey results provided insight into current practices and policies regarding DE and OERs during COVID-19 pandemic. They indicate possible differences in perception, attitudes and practices between HEIs regarding the adoption and use of DE and OERs during the pandemic and thus enable a comparative approach to the problem. They also help define rules and procedures needed for successful implementation of DE and OERs during crisis situations and beyond.

# **Disinformation Dilemma in Democracies**

Wolf Schünemann  
University of Hildesheim



## **Abstract**

Recent developments in Internet governance have shown that liberal democracies across the world have weakened their principled abstention from regulatory measures of online communication control. Most recently, countering foreign cyberattacks and disinformation campaigns have appeared as important trends in security strategies across the world. Against this backdrop, we investigate legitimacy strategies of online content regulation related to the alleged danger of democratic sovereignty in the digital age. The main research questions are whether and how the protection of democratic sovereignty can – paradoxically – undermine liberal democratic values and the international liberal order. We focus on two aspects that underscore the democratic dilemma in internet control: First, democratic sovereignist strategies lead to origin-based measures of online content regulation. Second, they might serve as a pretext for autocratic and hybrid regimes to extend their more restrictive measures based on sovereignty concerns

# **Creative Coding in Balkan Schools: Making Algorithmic Art a Part of Official High School Curriculum in Serbia**

Uroš Krčadinac  
Singidunum University





## Abstract

In the era when our lives are determined by algorithms and Big Data, there is a need for new forms of literacy, which connect computing, mathematics, art, and society. The openly and freely licensed internet course Algorithmic Art, intended for high school students and teachers, is conceived as an answer to this need. Algorithmic art is adapted to the official education program in Serbia and is primarily intended for second and third grade high school students and teachers of mathematics, computer science, and visual art. It can be equally interesting and useful for everyone else who wants to more easily master mathematical problems or simply create new media forms using computer code (animations, interactive installations, games, etc). The course is written in popular language, with carefully selected interesting illustrations and examples. Currently, the course exists only in Serbian language.

The course utilizes the p5.js technology. It is a JavaScript library made for artists, designers, writers, musicians, architects, and amateurs. It came out of the Processing Foundation. Course topics include Perlin noise, Truchet tiles, the art of Sol LeWitt and Jonathan Harris, various visualization techniques of time and space, as well as one lesson about trigonometry for artists and designers. These are the basics of software practices used by digital artists and designers. At its core lies the problem of transmedia literacy, the kind of multifaceted literacy without which is impossible to address the complex systems of our time.

# **Developing Metaliterate Learners to Advance Democratic Ideals**

Thomas P. Mackey  
Trudi E. Jacobson  
SUNY Empire State College  
University of Albany



## Abstract

Information plays a critical role in a democracy. The word democracy comes from the Greek, and means rule of the people. In order to maintain a democracy, the people need to engage with information and each other in an ethical and responsible manner. Metaliteracy envisages all citizens as learners. This holistic model challenges us to work together as civic-minded participants in social settings. The meta prefix in metaliteracy also has Greek origins and means after, so this framework is about the learning that takes place beyond literacy and information literacy to include the collaborative production of new knowledge in a connected world. The meta prefix also denotes metacognition to encourage reflection on related learning domains, the roles we need to play, and the characteristics we should exhibit as information producers. In metaliteracy, an individual's metacognitive processing interacts with the affective, behavioral, and cognitive domains to heighten their learning. In this keynote address, we will introduce the metaliteracy framework and discuss how it relates to media and information literacy (MIL). We will describe its impact on students, and how it might be used in a variety of pedagogical settings. We will share open metaliteracy resources that anyone might adapt and use in their own teaching environments.

# Reflexions on the Margins

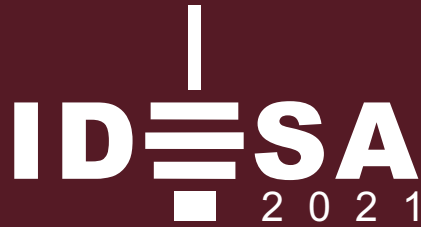


Vajzović, E. et al. (2021)  
“Media and Information  
Literacy: Learning Design  
for Digital Age”

Emir Vajzović, Mario Hibert, Lejla Turčilo, Vuk Vučetić, Lamija Silajdžić

## MEDIJSKA I INFORMACIJSKA PISMENOST: DIZAJN UČENJA ZA DIGITALNO DOBA





## Organising committee

Emir Vajzović (University of Sarajevo)

Mario Hibert (University of Sarajevo)

Thomas Mandl (University of Hildesheim)

Sanel Huskić (Institute for Social Science Research, University of Sarajevo)

Emina Adilović (Institute for Social Science Research, University of Sarajevo)

Jasmin Hasanović (University of Sarajevo)

## Programme committee

Emir Vajzović (University of Sarajevo)

Mario Hibert (University of Sarajevo)

Thomas Mandl (University of Hildesheim)

Lejla Turčilo (University of Sarajevo)

Martina Dragija Ivanović (University of Zadar)

Tatjana Aparac Jelušić (University of Zadar and University of Osijek)

**DAAD**

Deutscher Akademischer Austauschdienst  
German Academic Exchange Service

