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Deutscher Akademischer Austauschdienst
German Academic Exchange Service

International Autumn School on Information Disorder

University of Sarajevo
Faculty of Political Sciences
Bosnia and Herzegovina

16 - 20 October 2023

ISIDO23




About ISIDo23



#ISIDo2023

INFORMATION DISORDER (IN POSTDIGITAL TIMES)

In recent years, a paradigm that has been labelled “postdigital” in a number of academic publications, although ambiguous, seeks to overcome the assumption that “progress” is driven by digital technology and that society, culture, and the economy must adapt to the new situation (Weich & Macgilchrist, 2023). Besides we always knew that more data is not going to turn into more information and better-informed citizens, platform reality, huge scale computing aimed at economic exploitation and (data) extraction, has reached a peak. Once we reach a disruptive moment regarding data collections, the presumption that better information equals better decisions can no longer be supported. Even though data never had intrinsic value, a datafication meta-narrative symbolizes the current hyper-growth obsession of treating users as resources, ready to be mined, manipulated, and transformed into profit. As communities and common contexts are falling apart under a regressive digitality, as G. Lovink (2022) contends, we are in need of #WeToo models of collectivity. Should we therefore admit that information disorder emerged from the invisibility of the computational order rarely dissected by attitudes and approaches that are exposing the materiality of the digital techno sphere and its infrastructures that usually remain outside the public debate over information and media entanglements?



In other words, by triggering a current techno-social rupture (across disciplines, professions, science and education), the International Autumn School of Information Disorder ISIDO2023 points to discussions and dialogs that could mobilize political tech-awareness and activate critical learning. Tracing the interrelationships and correlations of the concept named postdigital as “hard to define; messy; unpredictable; digital and analog; technological and non-technological; biological and informational” (Jandrić et al, 2018) we aim to explore information interactions in its access, organization, production, distribution, and curation, integrating modes of inquiry that deal with questions about choices around how to participate—and how to structure others’ participation - that matters and corresponds to aims and values of educational and cultural practices of today.

With a focus on regional scholars and students, we continue to cultivate and strengthen academic partnerships the University of Hildesheim and the University of Sarajevo mutually foster addressing topics required for further developing and sharing participatory modes of teaching that achieve recognition and relevance.

AGENDA

DAY I / Monday, 16.10.2023.

ISIDo 2023

09:00 - 10:30 OPENING

Sead Turčalo, Dean, University of Sarajevo -
Faculty of Political Sciences,
Muamer Hirkić, Office for International Cooperation
(University of Sarajevo - Faculty of Political Sciences)

INTRODUCTION

Mario Hibert, University of Sarajevo - Faculty of
Philosophy
Thomas Mandl, University of Hildesheim
Emir Vajzović, University of Sarajevo - Faculty of
Political Sciences / Abu Dhabi Polytechnic

10:30 - 11:00 Coffee break

11:00 - 12:30 Detecting Conspiracy Theories with Language Models:
A Case Study on Telegram
Helena Mihaljević, HTW Berlin,
University of Applied Sciences

12:30 - 14:00 Lunch Break

14:00 - 15:30 Challenges and approaches for the (partially) automated
detection of mis- and disinformation in online discourses
Julia Maria Struß, University of Applied Sciences Potsdam

16:00 - 18:30 City sightseeing tour

DAY II / Tuesday, 17.10.2023.

ISIDo 2023

- 09:00 - 10:30 **Postdigital Research**
Petar Jandrić, Zagreb University of Applied Sciences,
Bath Spa University
- 10:30 - 11:00 **Coffee break**
- 11:00 - 12:30 **Methods for Evaluating Information Literacy**
Stefan Dreisiebner, Carinthia University of Applied Sciences
- 12:30 - 14:00 **Lunch Break**
- 14:00 - 15:30 **Algorithmic literacy**
Emina Adilović Institute for Social Science Research,
Faculty of Political Sciences, University of Sarajevo
- 16:00 - 18:30 **Unmasking the Nexus Between (Geo)Politics and Biased Information**
Jasmin Hasanović and Amina Vatreš, Faculty of Political Sciences, University of Sarajevo
- 19:00 - 20:00 **Dinner**

DAY III / Wednesday, 18.10.2023.

ISIDo 2023

- 09:00 - 10:30 Regulation of AI: legal and ethical challenges
Đorđe Krivokapić, Faculty of Organisational Sciences,
University of Belgrade
- 10:30 - 11:00 Coffee break
- 11:00 - 12:30 The Rise of Fake Science
Milijana Mičunović, Faculty of Humanities and Social
Sciences University of Osijek
- 12:30 - 14:00 Lunch Break
- 14:00 Trip - Trebević cable car

DAY IV / Thursday, 18.10.2023.

ISIDo 2023

09:00 - 10:30 Information literacy: prerequisites and conceptual aspects of implementation
Joachim Griesbaum, University of Hildesheim

10:30 - 11:00 Coffee break

11:00 - 12:30 Embodiment morphemes of Information Disorder
Sunčica Pasuljević, Academy of Arts, University of Novi Sad

12:30 - 14:00 Lunch Break

14:00 - 16:00 Information Disorder and Information Professionals -
Round Table Discussion on Regional Aspects between
Representatives of the Civil Society & Academia

Feđa Kulenović, Faculty of Philosophy, University of Sarajevo

Bojana Kostić, Pen to Paper

Vale Hvale, APC, Association for Progressive Communication

Nasir Muftić, Faculty of Law, University of Sarajevo

DAY V / Friday, 20.10.2023.

ISIDo 2023

- 09:00 - 10:30 Living in Post-Truth Times: Workshop on Misinformation and How to Fight Them
Lejla Turčilo Faculty of Political Sciences University of Sarajevo
- 10:30 - 11:00 Coffee break
- 11:00 - 12:30 Emerging Horizons in Artificial Intelligence: Unveiling the Possibilities
Amila Akagić Faculty of Electrical Engineering University of Sarajevo
- 12:30 - 14:00 Lunch Break
- 14:00 - 16:00 Participant Evaluation
- 16:00 - 20:00 Closing
Dinner
Social Event

LECTURERS

THOMAS MANDL

University of Hildesheim



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.



MARIO HIBERT

University of Sarajevo

ISIDo 2023

Mario Hibert is associate professor at the Department of Comparative Literature and Information Science (Faculty of Philosophy, University of Sarajevo). Hibert holds PhD in information and communication sciences from the University of Zagreb, Croatia, and an MA in human rights and democracy from the Center for Interdisciplinary Postgraduate Studies (University of Sarajevo/University of Bologna). In commoning collaboration with MAMA (Multimedia Institute) and Institute for Political Ecology in Zagreb, he published „Digital Degrowth and Postdigital Commons: Critical Librarianship, Disruptive Media and Tactical Education“ (2018), while in close association with the Institute for Social Science Research (Faculty of Political Sciences, University of Sarajevo) he embedded in organization of information and media literacy studies a critical library method via local policies, publications, seminars and workshops supported by EU/UNESCO’s project „Building Trust in Media in South East Europe and Turkey“. Editor in Chief of the De Gruyter’s cross-disciplinary journal Open Information Science.



HELENA MIHALJEVIĆ

University of Applied Sciences

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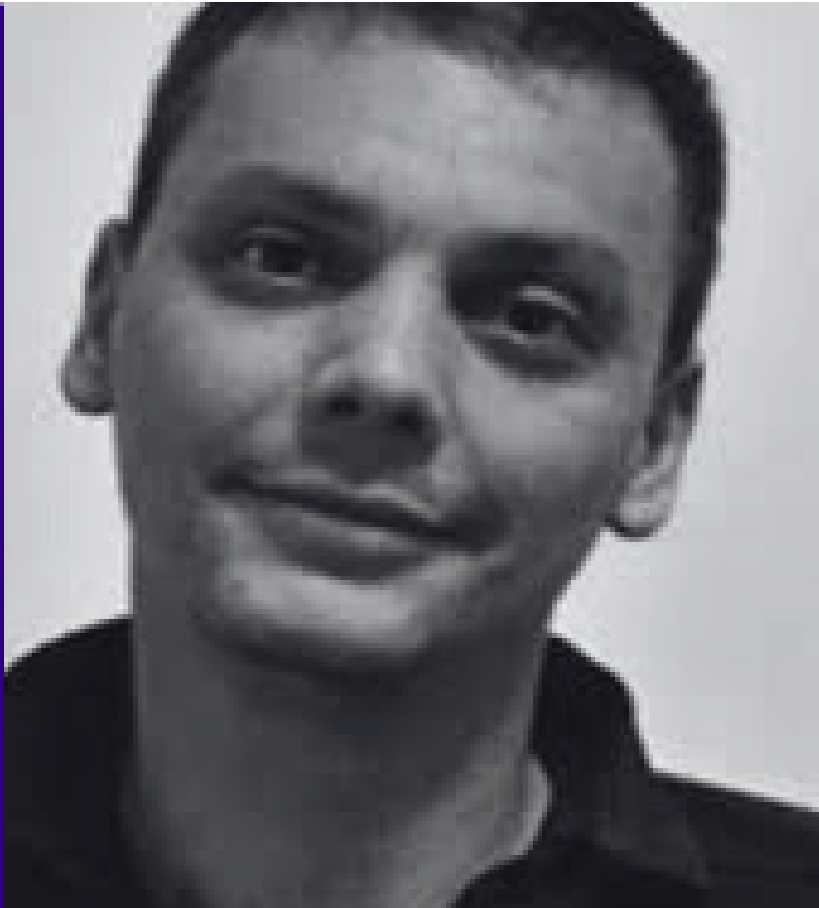
Helena Mihaljević is Professor of Data Science at the HTW Berlin, University of Applied Sciences. She analyzes data and technologies, applying methods of machine learning, natural language processing and information retrieval. She conducts research in inter- and transdisciplinary projects, for example on algorithmic detection of conspiracy theories and antisemitic hate speech. Prior to her professorship at HTW Berlin, she worked as a senior data scientist and in the field of scientific information infrastructure. Her PhD in mathematics was on the topological dynamics of entire transcendental functions.

JULIA MARIA STRUSS

University of Applied Sciences
Potsdam



Julia Maria Struss is a professor of Applied Data Science at the Potsdam University of Applied Sciences, Department of Information Sciences. In October 2016, Julia completed her Doctorate at the University of Hildesheim in the Institute for Information Science and Language Technology. Before her academic roles, Julia gained valuable experience as a Research Assistant at the Technical Information Library (TIB) - Leibniz Information Center for Technology and Natural Sciences and University Library, where she contributed to the Competence Center for Non-Textual Materials from November 2016 to March 2018. Her academic journey also includes serving as a Research Assistant at the University of Hildesheim in the Institute for Information Science and Language Technology from October 2012 to June 2016, as well as a Teacher for Special Tasks at the same institution from April 2008 to September 2012.



PETAR JANDRIĆ

Zagreb University of Applied
Sciences, Bath Spa University

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Petar Jandrić is Professor at the Zagreb University of Applied Sciences, Croatia, and Visiting Professor at Bath Spa University, UK. His research interests are situated at the post-disciplinary intersections between technologies, pedagogies and the society, and research methodologies of his choice are inter-, trans-, and anti-disciplinarity. He is Editor-in-Chief of Postdigital Science and Education journal <https://www.springer.com/journal/42438>, book series <https://www.springer.com/series/16439>, and encyclopaedia, <https://link.springer.com/referencework/10.1007/978-3-031-35469-4>. Personal website: <http://petarjandric.com/>.

STEFAN DREISIEBNER

Carinthia University of
Applied Sciences



Stefan Dreisiebner is a senior lecturer for Digital Business Management at the School of Management at Carinthia University of Applied Sciences in Austria. Previously, he was with the Department of Information Science and Natural Language Processing at the University of Hildesheim, Germany and the Department of Information Science and Information Systems as well as the Department of Corporate Leadership and Entrepreneurship at the University of Graz, Austria. His research interests include technology-enhanced learning, information behaviour and information literacy. He was the coordinator of the Erasmus+ project Information Literacy Online - Developing Multilingual Open Educational Resources Reflecting Multicultural Aspects. At the University of Hildesheim, he teaches in the BA-programs in International Information Management and Global Information Management and the MA-programs in International Information Management – Information Science and Data Analytics.



EMINA ADILOVIĆ

University of Sarajevo

ISIDo 2023

Emina Adilović is a Senior Research Associate at the Institute for Social Science Research, Faculty of Political Sciences, University of Sarajevo. She also teaches Digital Publishing at International Burch University. Emina has completed a master's in Comparative Literature and Librarianship in 2020. From 2015 to 2019 she works for several publishing houses and as a theatre producer. Since 2019 she has been working as an information expert and project assistant at the Faculty of Political Sciences. Emina completed an Interdisciplinary Master's program in Information Security in 2023 and holds ISO certificates in Information Security and Business Continuity.

JASMIN HASANOVIĆ

University of Sarajevo



Jasmin Hasanović is a senior assistant at the Faculty of Political Sciences of the University of Sarajevo at the Department for Political Science. As associate, he is engaged on courses and seminars including, among others: Political Philosophy, Theories of Democracy and Human Rights, Geopolitics and International Security. His research interests include political theory, political and social movements and the correlation between politics and digital technologies on the one side and art and culture on the other. He is a member of the Balkan Political Science Association (BPSA), and the Academic Council of the European Neighborhood Council (ENC). He is a PhD candidate in the field of political science at the Faculty of Political Sciences of the University of Sarajevo, dealing with the ontological and epistemological problem of the idea of emancipation in contemporary political theory.

A black and white portrait of Amina Vatreš, a woman with long dark hair, wearing a white blazer and a visitor badge. She is standing in front of several flags.

AMINA VATREŠ

University of Sarajevo

ISIDo 2023

Amina Vatreš is a teaching assistant and a PhD candidate in the field of communication studies at the Faculty of Political Sciences of the University of Sarajevo at the Department for Communication Studies. Her teaching expertise concerns subjects such as Information Theory, Print Journalism, Media Regulation, Ethics of Public Speech, Media Philosophy and Media Culture. She is focused on media philosophy, new media technologies and its implications on journalism and scientific journalism while dealing with other related topics such as social perception of risk and media-produced politics of fear, deepfake, fake news, technosphere and the posthuman state in the digital age and mediological, communicological and sociological repercussions of digital revolution. Currently, she is engaged as PR manager of the Faculty of Political Sciences at the University of Sarajevo.

ĐORĐE KRIVOKAPIĆ

University of Belgrade



Đorđe Krivokapić is associate lecturer at the Faculty of Organizational Sciences at the University of Belgrade, where he teaches courses in Business Law and IT Law. Before taking up his faculty position, Đorđe was employed as a legal associate at Karanović & Nikolić Law Office, the leading commercial law office in the Western Balkans, where he was involved in numerous successful transactions and projects. Before joining Karanović & Nikolić, Đorđe graduated with a degree in law from the University of Belgrade and then received an LL.M. from the University of Pittsburgh School of Law. At the moment, Đorđe serves as the Legal and Policy Director of Share Foundation – fighting for the public’s interest in every critical battle affecting digital rights with a focus on online free speech, information privacy, digital security and access to knowledge.

JOACHIM GRIESBAUM

University of Hildesheim



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".



MILIJANA MIČUNOVIĆ

University of Osijek

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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 humantechology interaction], likes to work with students, and some of her professional interests are human-technology interaction, digital anthropology and communication.

SUNČICA PASULJEVIĆ

University of Novi Sad



Sunčica Pasuljević Kandić is a poetic media explorer and anti-disciplinary practitioner, specializing in the intersection of artistic research, curation, and pedagogy. With a professional background in new media art practices and cultural programming, Sunčica has worked extensively with non-governmental organizations, producing and organizing projects that investigate the social, technological, and ecological implications of emerging technologies. She explores how art and culture can address contemporary issues arising from these technologies. Currently, she continues her exploration within the institutional framework of the Academy of Arts in Novi Sad, focusing on the boundaries and flexibility of art education, the relationship between art and the materiality behind AI systems, and the potential of artistic infrastructures for (un)learning, listening, and creative exploration in the realm of technological thinking.



FEDA KULENOVIĆ

University of Sarajevo

ISIDo 2023

Feđa Kulenović is an information and communication expert engaged in research and practice in data science, information science, knowledge management and communication, focusing on online communication and public presentation. He tries to transfer his knowledge to the students at the Department of Information Science at the Faculty of Philosophy of the University of Sarajevo. He collaborates as a consultant with many government bodies, nongovernmental organizations and the business sector. He also collaborates on media and information literacy development projects within the University and with various Bosnian and regional organizations such as GONG and the Share Foundation.

BOJANA KOSTIĆ

“Pen to Paper” (Netherlands)



Bojana Kostić was born in Belgrade. She lives and works in the Netherlands, where, after a master's degree in Information Law at the University of Amsterdam, she has been engaged in research and public representation in digital rights protection, intersectional justice, community capacity building and peer support for ten years. Through her work, she collaborated with international organizations (Council of Europe, Unesco, OSCE RFoM, ICFJ, Free Press Unlimited, Thomson Reuters, etc.) as well as with local initiatives and communities such as Astrea Lesbian foundation, Share Foundation, Media Diversity Institute. Before that, she dealt with humanitarian rights and trials for war crimes and the protection of the human rights of marginalized groups. She believes in the regulatory power of communities, solidarity and feminism.



VALE HVALE

APC, Association for
Progressive Communication

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hvale hvale (small letters as per bell hooks) has a background in law studies. She has discovered and learned about technology-related issues through her work, so her engagement with internet and digital rights ranges from policy advocacy to capacity building. As an activist she connects women's rights, sexual rights and the internet politically and practically, and advocates for feminist internet. She is also a facilitator on strategic use of ICTs, digital security, privacy, citizen journalism and visual methodology for social change that combine solidarity with digital storytelling and its powerful peer-to-peer co-production, distribution and outreach. With more than 20 years spent working and living in the region, she has a deep understanding of the Western Balkan political and civil society environment and women's rights movement from within.

NASIR MUFTIĆ

University of Sarajevo



Nasir Muftić is a lecturer at the Faculty of Law of the University of Sarajevo. He graduated from the Faculty of Law of the University of Sarajevo in 2016, obtained an LL.M. degree in International Business Law from the Central European University in 2017, and his PhD at the University of Sarajevo in 2023. Before the commencement of his doctoral studies, Nasir has experience in the fields of media and telecommunications law, civil litigation, intellectual property law, commercial contract drafting, and regulatory compliance. His doctoral research is focused on the legal implications of artificial intelligence on private rights, with an emphasis on liability. Nasir studies the intersection between private rights and tech. He has been hired as lecturer and consultant in media law and digital policy projects organised by the Council of Europe, the European Union, Bosnian and Herzegovinian government, and the Organization for Security and Co-operation in Europe. He advised the Council of Ministers of BiH in matters of the Council of Europe's CAI – Committee on Artificial Intelligence work.



LEJLA TURČILO

University of Sarajevo

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Lejla Turčilo is a full time professor at the Department of Communication Science/Journalism at the Faculty of Political Science, University of Sarajevo. She has published books, as well as one manual and research publications in the field of media and communication. More than forty scientific and professional papers she authored were published in Bosnia and Herzegovina, Serbia, Croatia, Montenegro, France, Belgium, Germany, USA and Colombia. She is the head of the Center for Lifelong Learning at the Faculty of Political Sciences of the University of Sarajevo and the head of the Department of Communication Science/ Journalism.

AMILA AKAGIĆ

University of Sarajevo



Amila Akagic is an Associate Professor at the Faculty of Electrical Engineering, University of Sarajevo. She began her academic education at the University of Sarajevo, where she completed her bachelor's and master's studies. During her master's studies, she received a Fulbright visiting student scholarship and joined the Embedded Systems and Computer Architecture Laboratory at the University of California, Riverside as a young researcher. After returning from America, she received a scholarship from the Japanese Government and traveled to Tokyo, where she enrolled for a doctorate. After her doctorate at Keio University, she returned to her home faculty, where she currently works and teaches several courses in the field of Artificial Intelligence, Computer Architectures and Digital Signal Processing at the Department of Computing and Informatics.



EMIR VAJZOVIĆ

University of Sarajevo,
Abu Dhabi Polytechnic

ISIDo 2023

Emir Vajzović is Associate Professor at Security and Peace Studies Department, Faculty of Political Sciences, University of Sarajevo, and Assistant Professor at the Abu Dhabi Polytechnic. 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.

ABSTRACTS

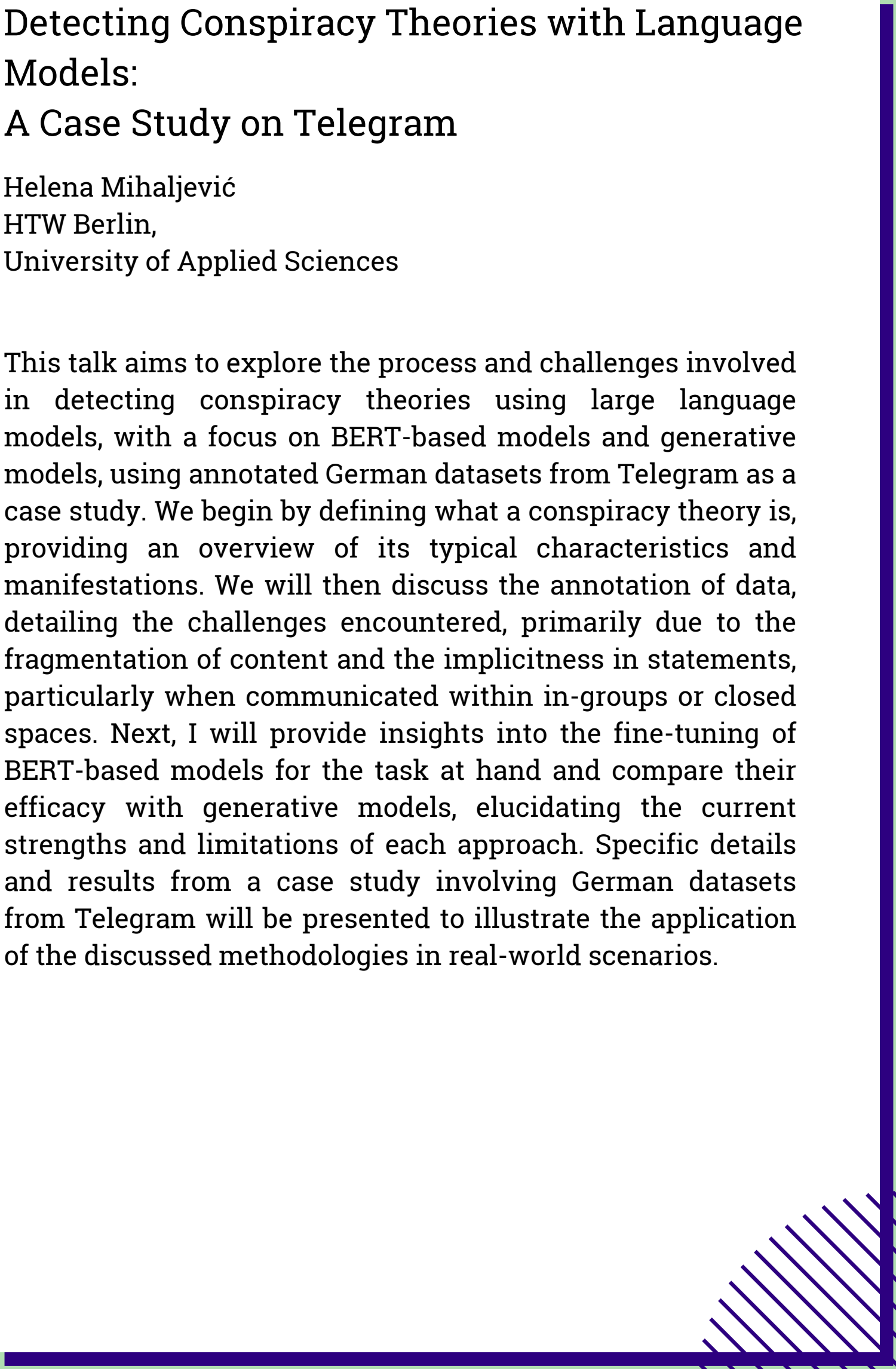
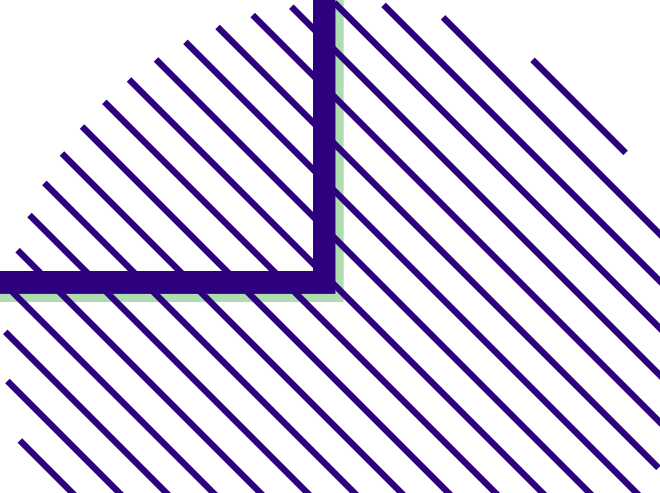


Detecting Conspiracy Theories with Language Models:

A Case Study on Telegram

Helena Mihaljević
HTW Berlin,
University of Applied Sciences

This talk aims to explore the process and challenges involved in detecting conspiracy theories using large language models, with a focus on BERT-based models and generative models, using annotated German datasets from Telegram as a case study. We begin by defining what a conspiracy theory is, providing an overview of its typical characteristics and manifestations. We will then discuss the annotation of data, detailing the challenges encountered, primarily due to the fragmentation of content and the implicitness in statements, particularly when communicated within in-groups or closed spaces. Next, I will provide insights into the fine-tuning of BERT-based models for the task at hand and compare their efficacy with generative models, elucidating the current strengths and limitations of each approach. Specific details and results from a case study involving German datasets from Telegram will be presented to illustrate the application of the discussed methodologies in real-world scenarios.



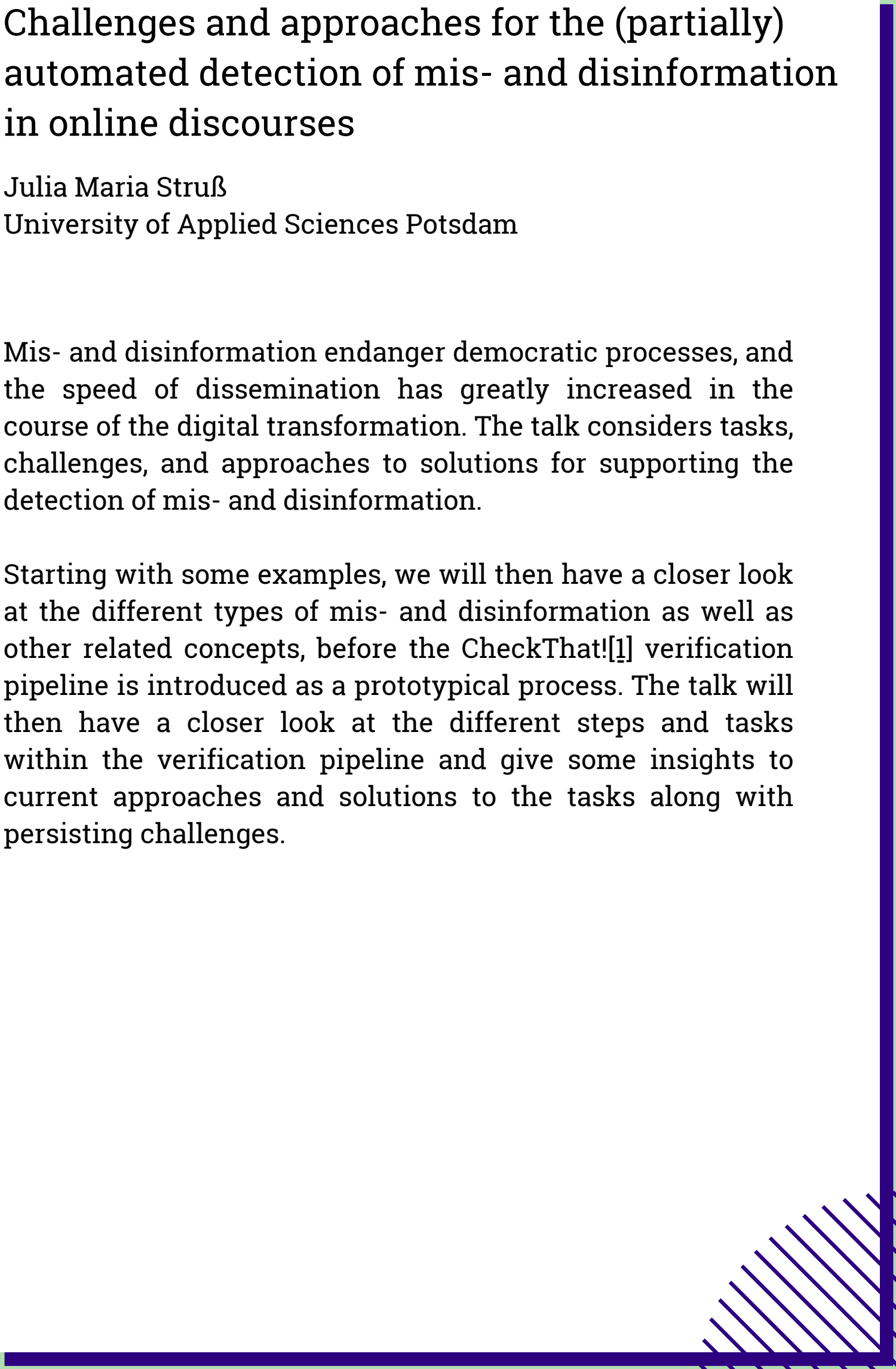
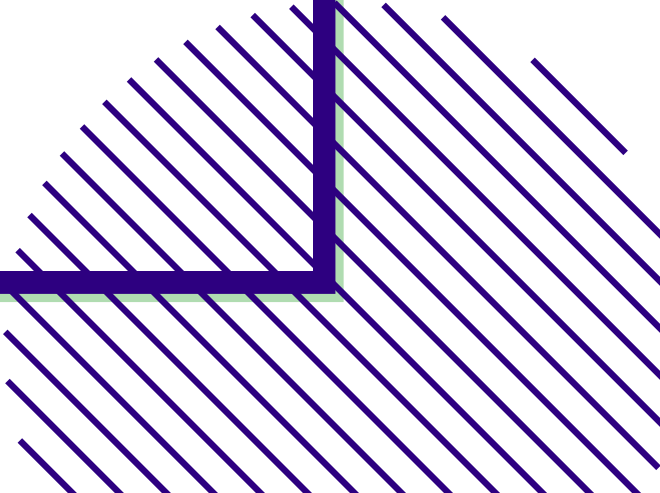


Challenges and approaches for the (partially) automated detection of mis- and disinformation in online discourses

Julia Maria Struß
University of Applied Sciences Potsdam

Mis- and disinformation endanger democratic processes, and the speed of dissemination has greatly increased in the course of the digital transformation. The talk considers tasks, challenges, and approaches to solutions for supporting the detection of mis- and disinformation.

Starting with some examples, we will then have a closer look at the different types of mis- and disinformation as well as other related concepts, before the CheckThat!^[1] verification pipeline is introduced as a prototypical process. The talk will then have a closer look at the different steps and tasks within the verification pipeline and give some insights to current approaches and solutions to the tasks along with persisting challenges.

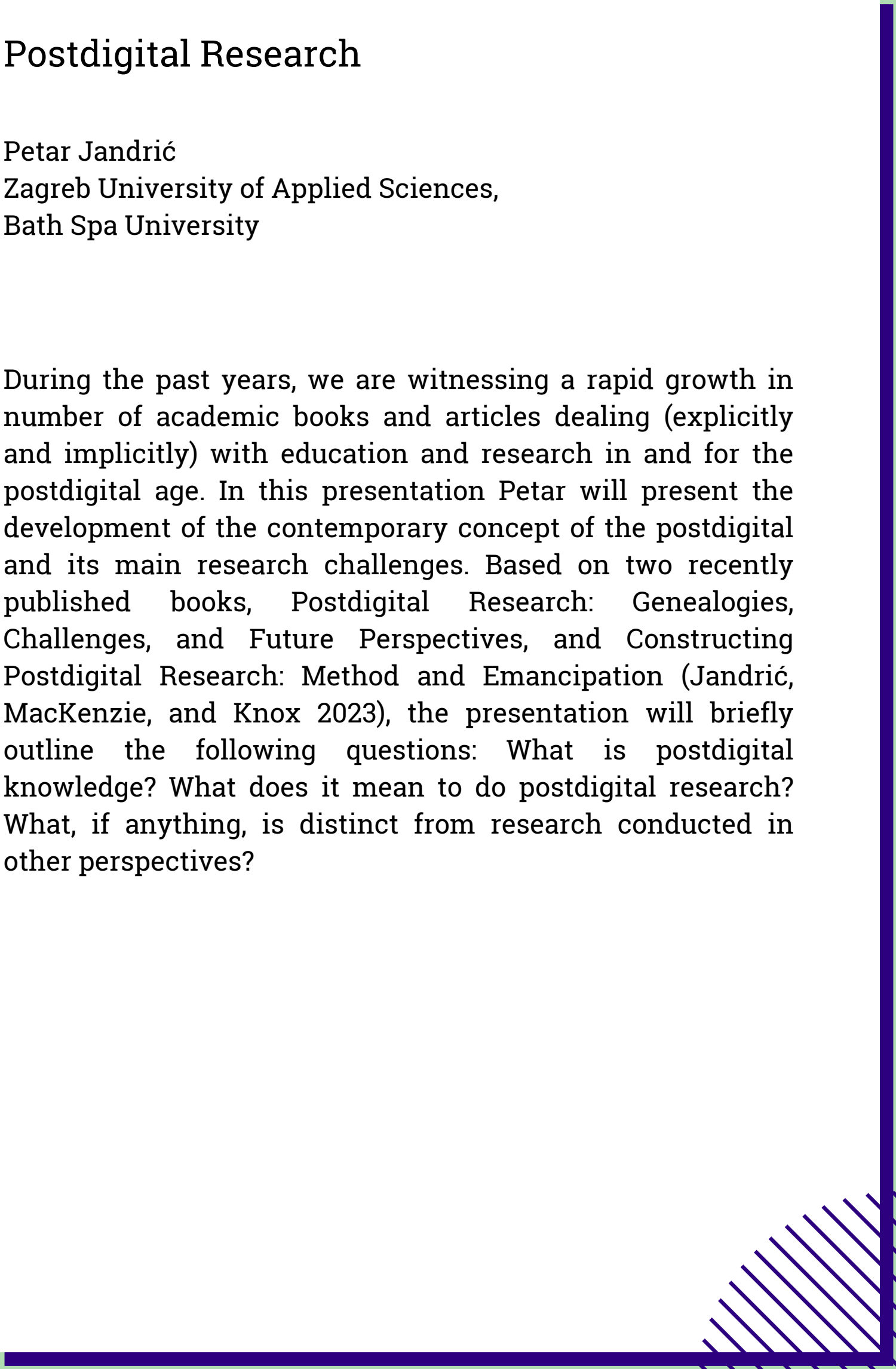
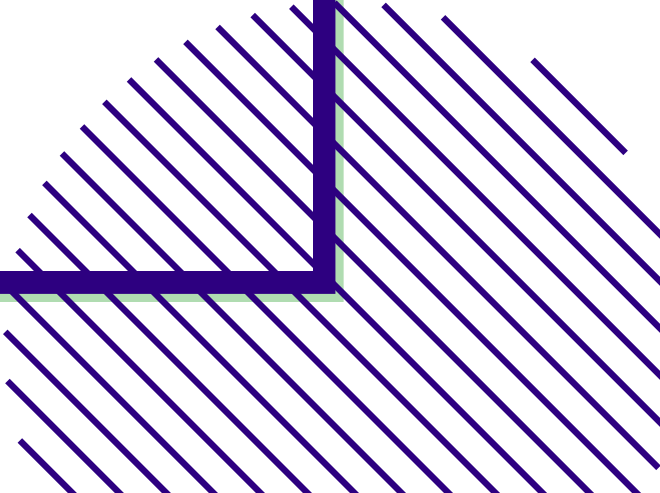




Postdigital Research

Petar Jandrić
Zagreb University of Applied Sciences,
Bath Spa University

During the past years, we are witnessing a rapid growth in number of academic books and articles dealing (explicitly and implicitly) with education and research in and for the postdigital age. In this presentation Petar will present the development of the contemporary concept of the postdigital and its main research challenges. Based on two recently published books, *Postdigital Research: Genealogies, Challenges, and Future Perspectives*, and *Constructing Postdigital Research: Method and Emancipation* (Jandrić, MacKenzie, and Knox 2023), the presentation will briefly outline the following questions: What is postdigital knowledge? What does it mean to do postdigital research? What, if anything, is distinct from research conducted in other perspectives?



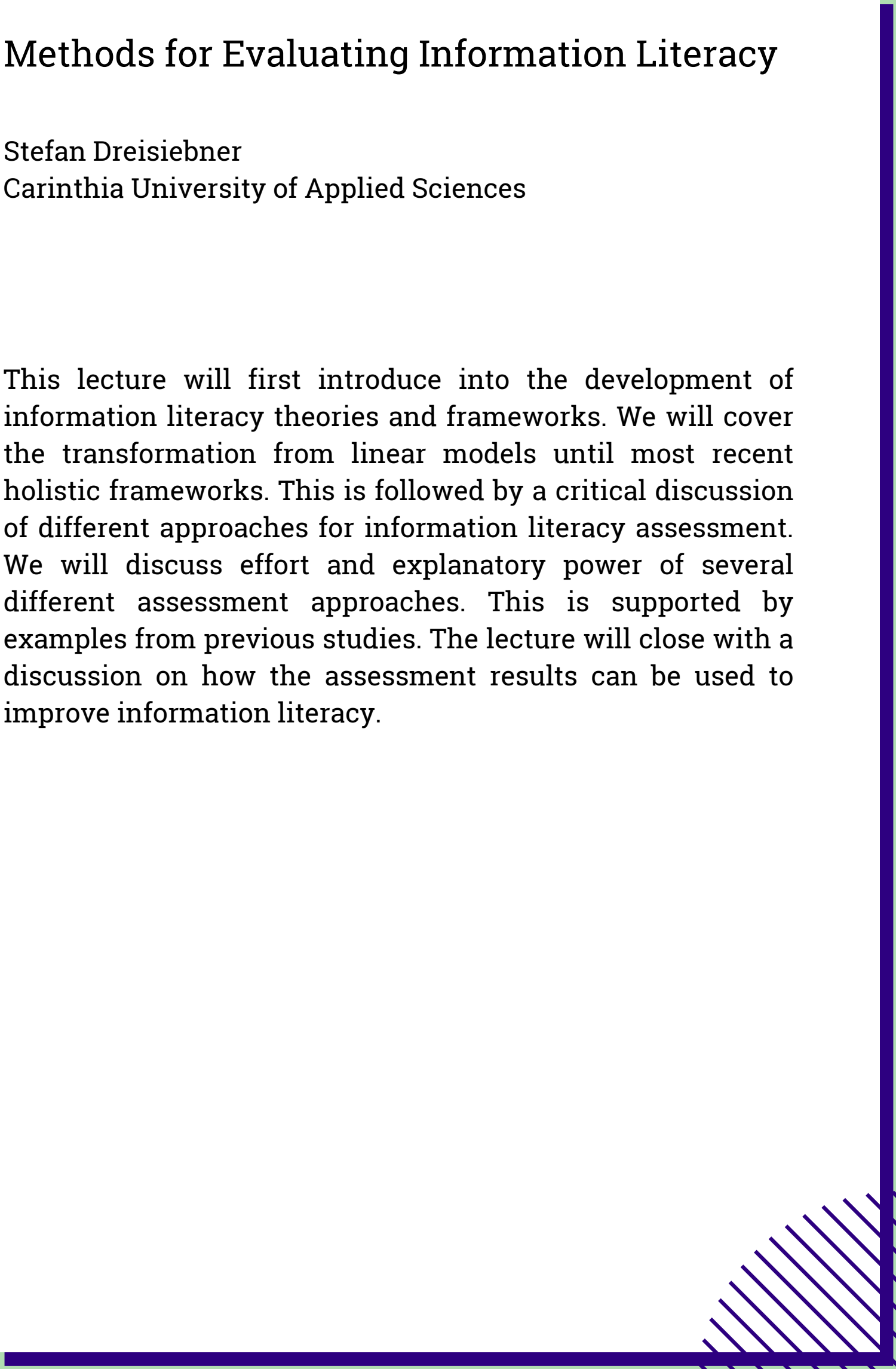
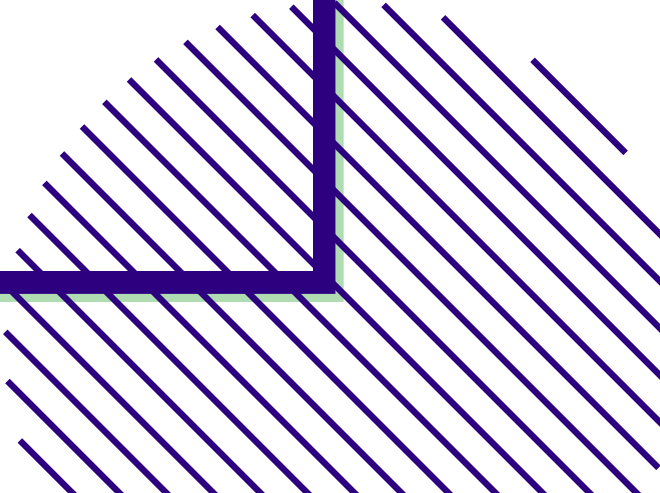


Methods for Evaluating Information Literacy

Stefan Dreisiebner

Carinthia University of Applied Sciences

This lecture will first introduce into the development of information literacy theories and frameworks. We will cover the transformation from linear models until most recent holistic frameworks. This is followed by a critical discussion of different approaches for information literacy assessment. We will discuss effort and explanatory power of several different assessment approaches. This is supported by examples from previous studies. The lecture will close with a discussion on how the assessment results can be used to improve information literacy.


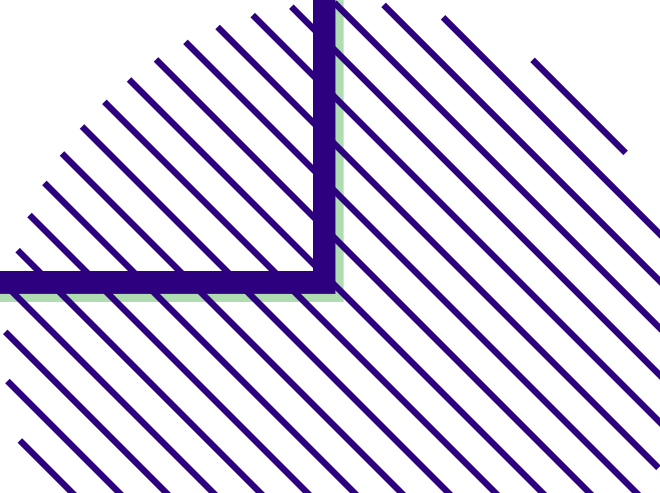




Algorithmic literacy

Emina Adilović
Institute for Social Science Research
Faculty of Political Sciences
University of Sarajevo

Instead of a one-sided acquisition of skills for participating in automated processes, algorithmic literacy encompasses a set of knowledge, skills, and values, enabling individuals to recognize algorithmic processes and utilize artificial intelligence technologies, their applications, and critically assess the invisible infrastructure. This lecture introduces a research which aimed to examine the level of algorithmic literacy among students and staff at the Faculty of Political Sciences and the Faculty of Philosophy at the University of Sarajevo, analyze how students, teaching, and non-teaching staff perceive the relationship between information security, data protection, and algorithmic literacy, and assess the possibilities for improving existing algorithmic literacy practices at the University of Sarajevo. The analysis of results obtained through interviews with target groups provides a deeper insight into the perception of automated decision-making, experiences of information personalization, data protection, and how artificial intelligence affects the teaching and learning of students, the work of academic staff, and educational processes in general.


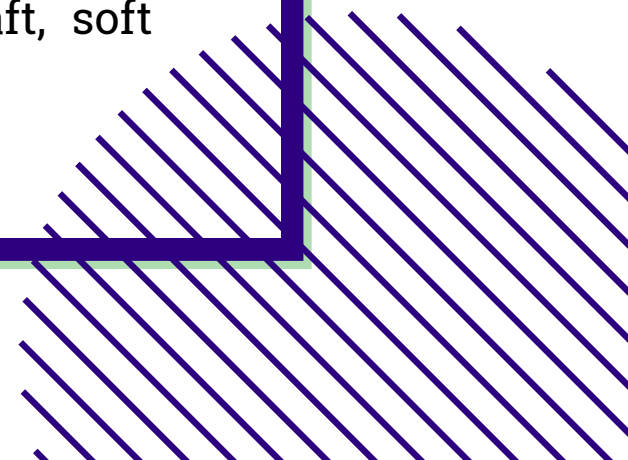




Unmasking the Nexus Between (Geo)Politics and Biased Information

Jasmin Hasanović and Amina Vatreš
Faculty of Political Sciences
University of Sarajevo

The contemporary media ecosystem, supported by the rapid progress of digital technologies and their penetration into everyday social life exposed their recipients, as its producers and consumers, to a phenomenon usually named information overload. In the impossibility of valorising the relevance of information, they are exposed to information which arises as a result of a partial or one-sided view of a topic, issue, or event driven by various political, ideological or commercial interests. This research aims to explore the intricate relationship between (geo)politics and biased information, shedding light on how political and geopolitical factors influence the production, dissemination, and impact of biased information in the interconnected world. Seen as such, the paradigm of media as the 'fourth pillar of democracy' is changing. From a critical approach, the media is seen as ideological apparatuses through their active role in the reproduction of hegemonic and power relations as well as ideology in general. Its (biased) content continues to be reproduced through the activity of netizens. The idea is to provide empirical insight into (geo)politically-driven biased information on concrete examples that will serve as an illustration of distinctions in media reporting on same events. Comparing different media narratives, our aim is to uncover the role of biased information as a tool of statecraft, soft power, and ideology.

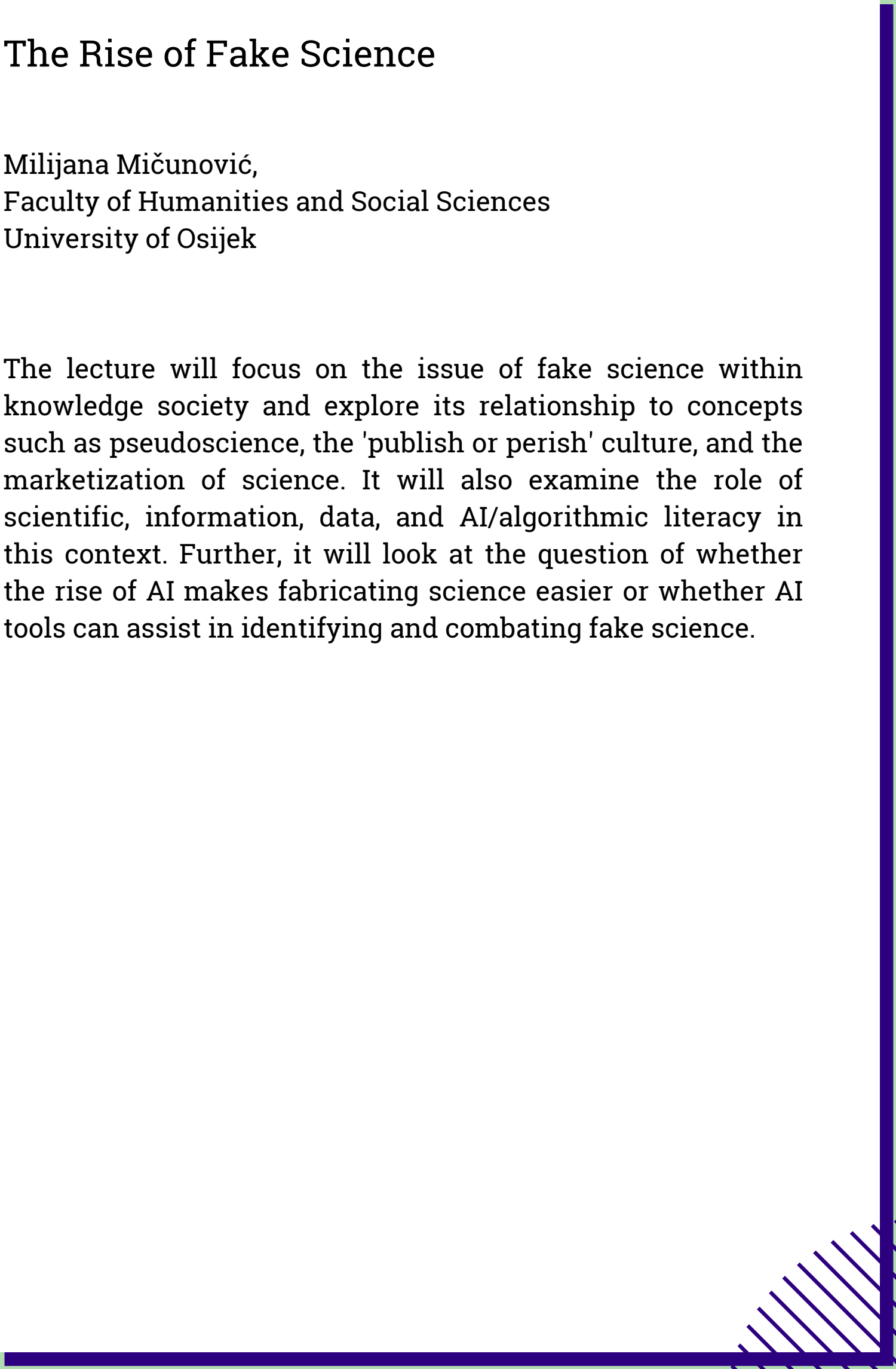
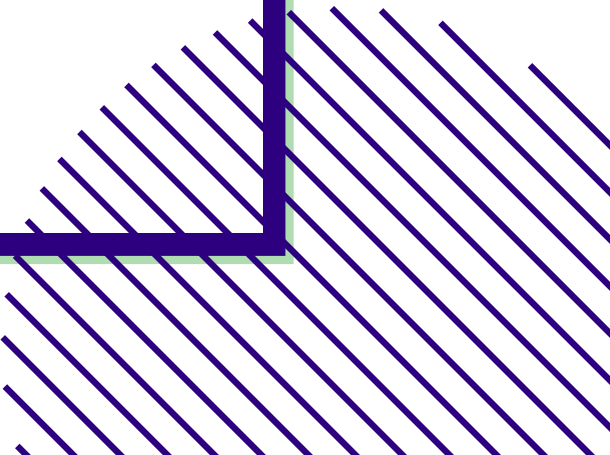




The Rise of Fake Science

Milijana Mičunović,
Faculty of Humanities and Social Sciences
University of Osijek

The lecture will focus on the issue of fake science within knowledge society and explore its relationship to concepts such as pseudoscience, the 'publish or perish' culture, and the marketization of science. It will also examine the role of scientific, information, data, and AI/algorithmic literacy in this context. Further, it will look at the question of whether the rise of AI makes fabricating science easier or whether AI tools can assist in identifying and combating fake science.





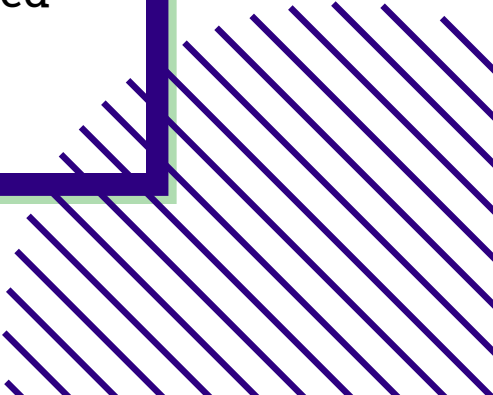
Embodymorphemes of Information Disorder

Sunčica Pasuljević,
Academy of Arts
University of Novi Sad

morphemes

The smallest unit of meaning of a language, which cannot be divided into smaller parts carrying meaning; it is usually smaller than a single wordform, such as the -ed morpheme of verbs in the past tense or the -s morpheme of nouns in the plural form.

Embodymorphemes is a portmanteau word. New conceptual framework of somatic micro reactions of pervasive informational inflow on a human being. This workshop is designed to raise awareness of the information disorder happening in and on the body mapping those micro effect of embodymorphemes through visual and performative gestures. Workshop is a collective practice based research method that collects lived experience of the end users effect of information overflow occurring in contact with various technological devices. It will result in a growing glossary of embodied information disorder. This poetic research is a way of juxtapositioning of algorithmic knowledge paradigm to the proprioception knowledge - the spatial experience of knowledge informed by lived and sensed experience on and in the body. As a way to navigate mapped information disorder a complimentary companion guide will be parallelly drafted. A companion to the glossary is a collection of somatic blueprints as countermeasures to effects of the information disorder on ones body. As a part of an ongoing exploration of embodied reactions to technological landscape each workshop is a continuation of a previous one. Thus both mapped effects and proposed countermeasures are collective entries of bodies in motion.





Information Disorder and Information Professionals

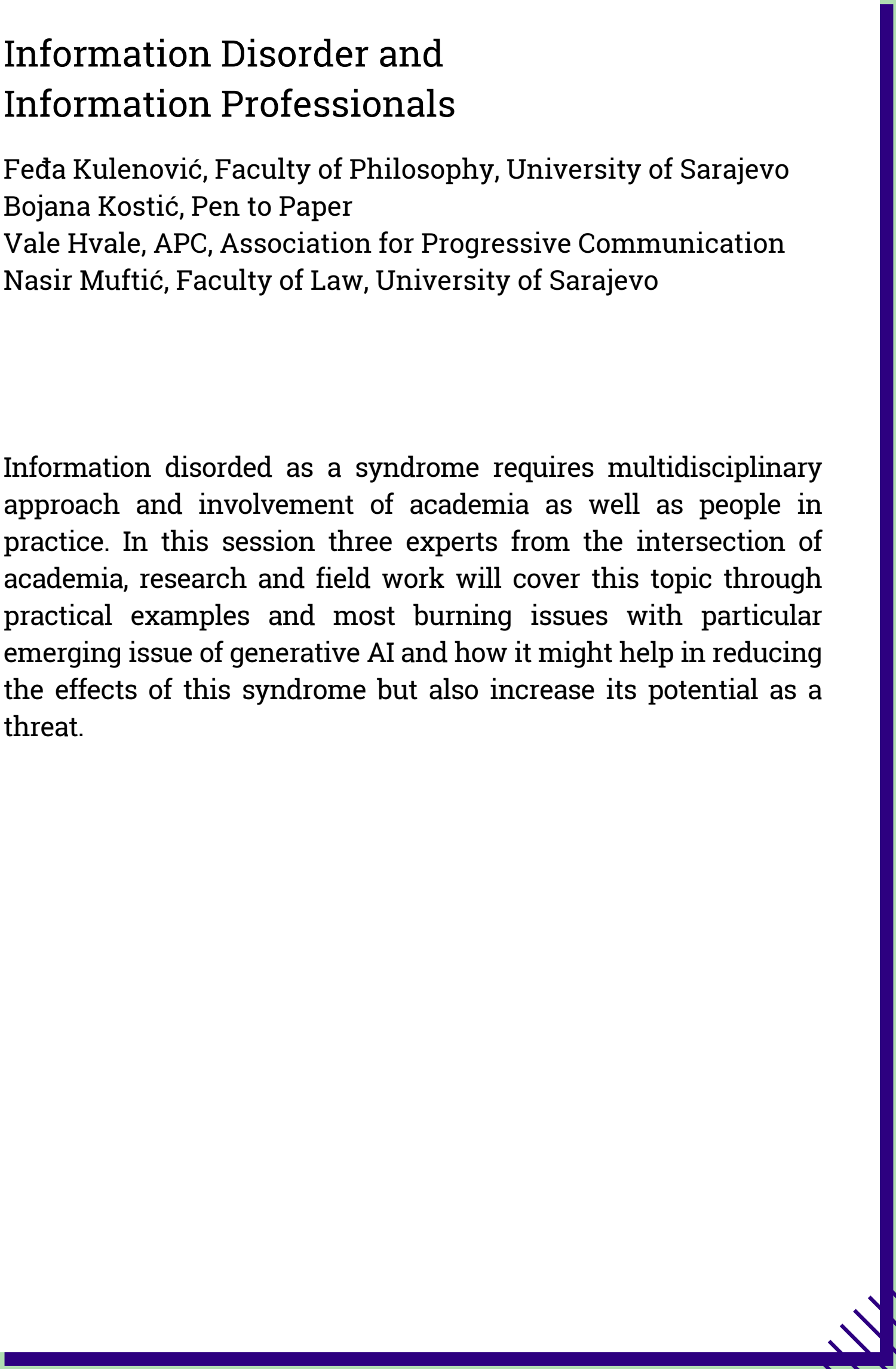
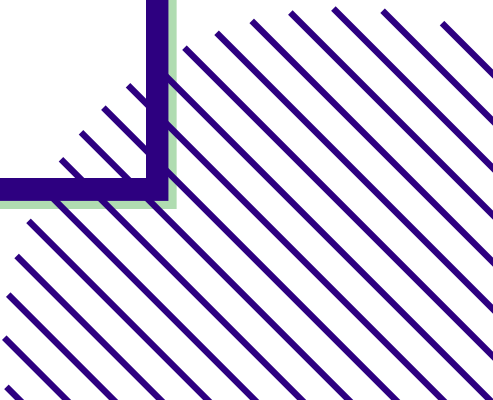
Feđa Kulenović, Faculty of Philosophy, University of Sarajevo

Bojana Kostić, Pen to Paper

Vale Hvale, APC, Association for Progressive Communication

Nasir Muftić, Faculty of Law, University of Sarajevo

Information disorder as a syndrome requires multidisciplinary approach and involvement of academia as well as people in practice. In this session three experts from the intersection of academia, research and field work will cover this topic through practical examples and most burning issues with particular emerging issue of generative AI and how it might help in reducing the effects of this syndrome but also increase its potential as a threat.



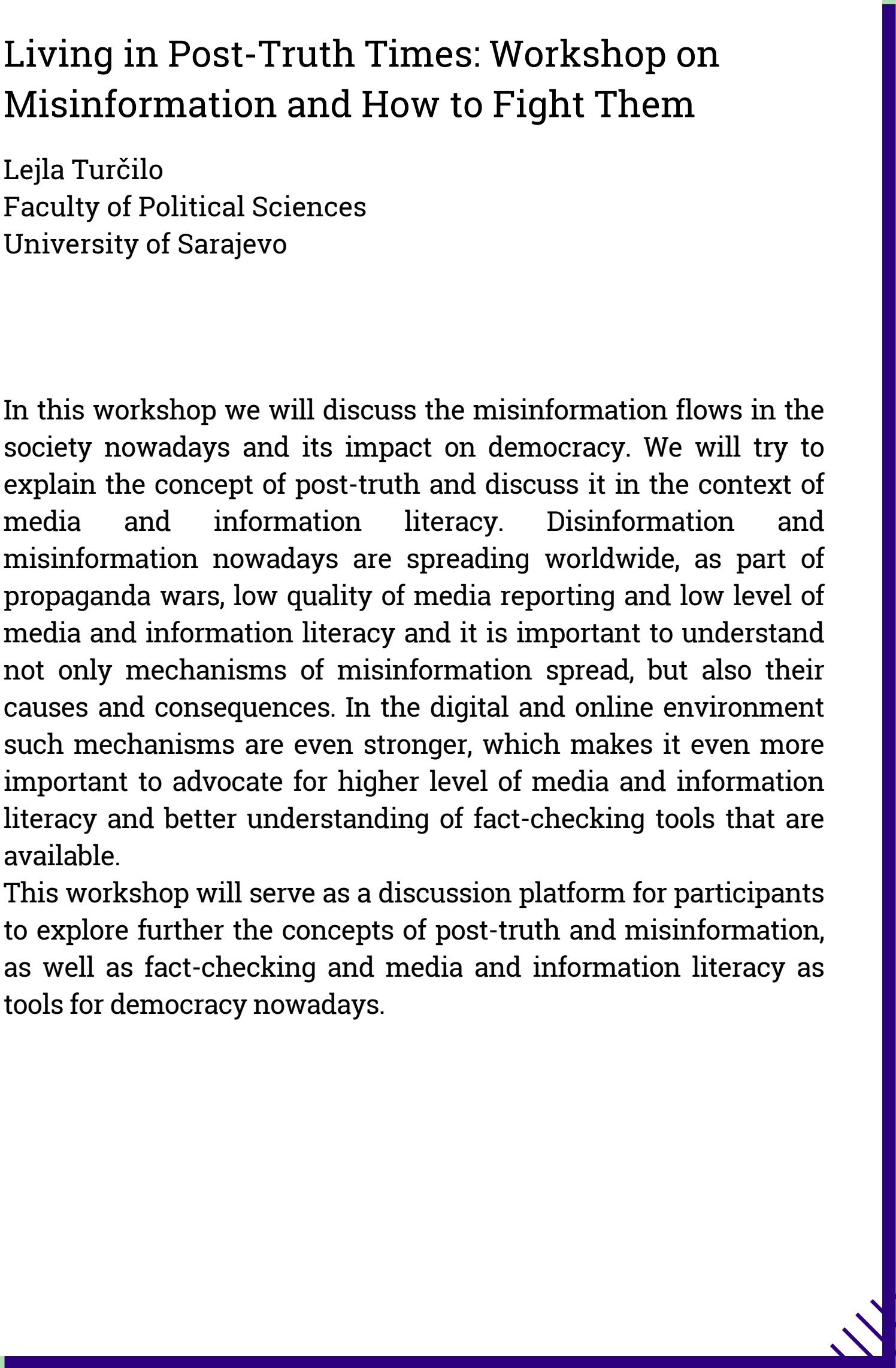
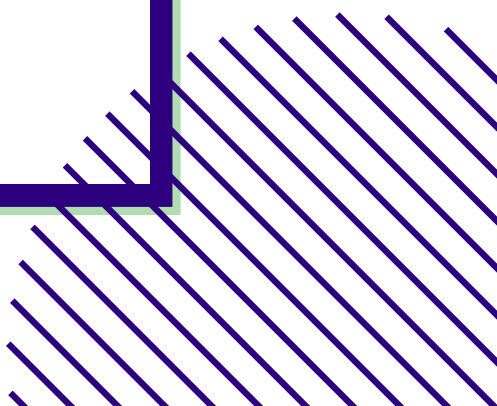


Living in Post-Truth Times: Workshop on Misinformation and How to Fight Them

Lejla Turčilo
Faculty of Political Sciences
University of Sarajevo

In this workshop we will discuss the misinformation flows in the society nowadays and its impact on democracy. We will try to explain the concept of post-truth and discuss it in the context of media and information literacy. Disinformation and misinformation nowadays are spreading worldwide, as part of propaganda wars, low quality of media reporting and low level of media and information literacy and it is important to understand not only mechanisms of misinformation spread, but also their causes and consequences. In the digital and online environment such mechanisms are even stronger, which makes it even more important to advocate for higher level of media and information literacy and better understanding of fact-checking tools that are available.

This workshop will serve as a discussion platform for participants to explore further the concepts of post-truth and misinformation, as well as fact-checking and media and information literacy as tools for democracy nowadays.





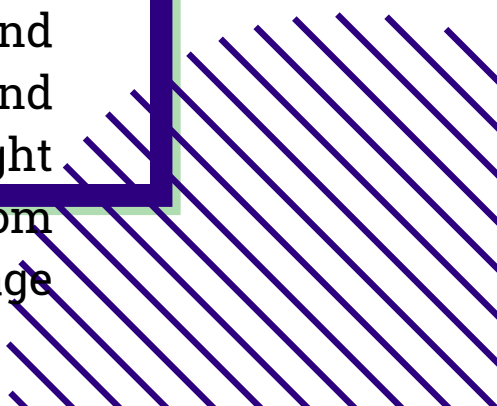
Emerging Horizons in Artificial Intelligence: Unveiling the Possibilities

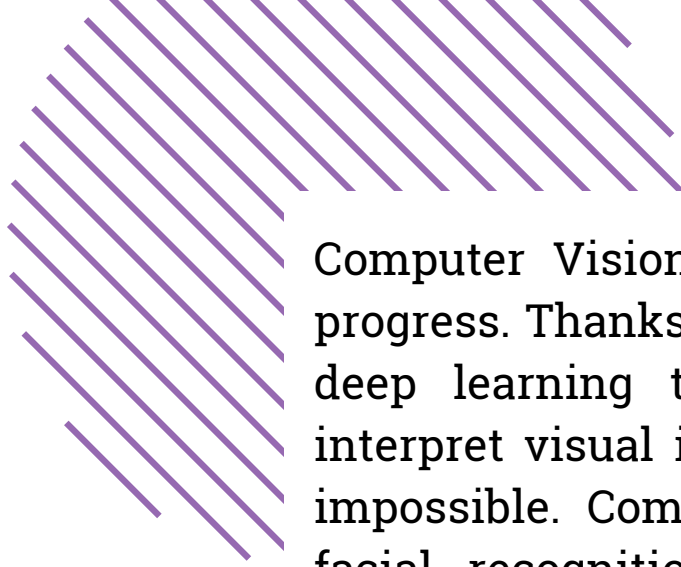
Amila Akagić
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The field of artificial intelligence (AI) is in a dynamic and rapidly evolving state. There are several key trends and developments which characterized the current state of AI. Some examples include the dominance of Deep Learning methods, rapid advancements in Natural Language Processing, and breakthroughs in Computer Vision. Deep Learning, particularly neural networks, has demonstrated remarkable capabilities in various domains, such as image recognition, speech recognition, and even autonomous driving. The availability of vast amounts of data and powerful hardware has fueled this progress. As we continue to refine neural network architectures and develop more efficient training algorithms, we can expect even greater breakthroughs in AI applications.

One of the most exciting areas within AI is Natural Language Processing (NLP) which made incredible strides, leading to the development of advanced language models capable of understanding and generating human-like text. These models have opened up new possibilities in machine translation, chatbots, and content generation. They have improved our ability to analyze and extract valuable insights from large volumes of unstructured text data, making NLP a vital tool for industries like healthcare, finance, and marketing.

Computer Vision is another field that has seen significant progress. Thanks to convolutional neural networks (CNNs) and deep learning techniques, computers can now "see" and interpret visual information at a level that was once thought impossible. Computer Vision has applications ranging from facial recognition and object detection to medical image analysis and autonomous drones.

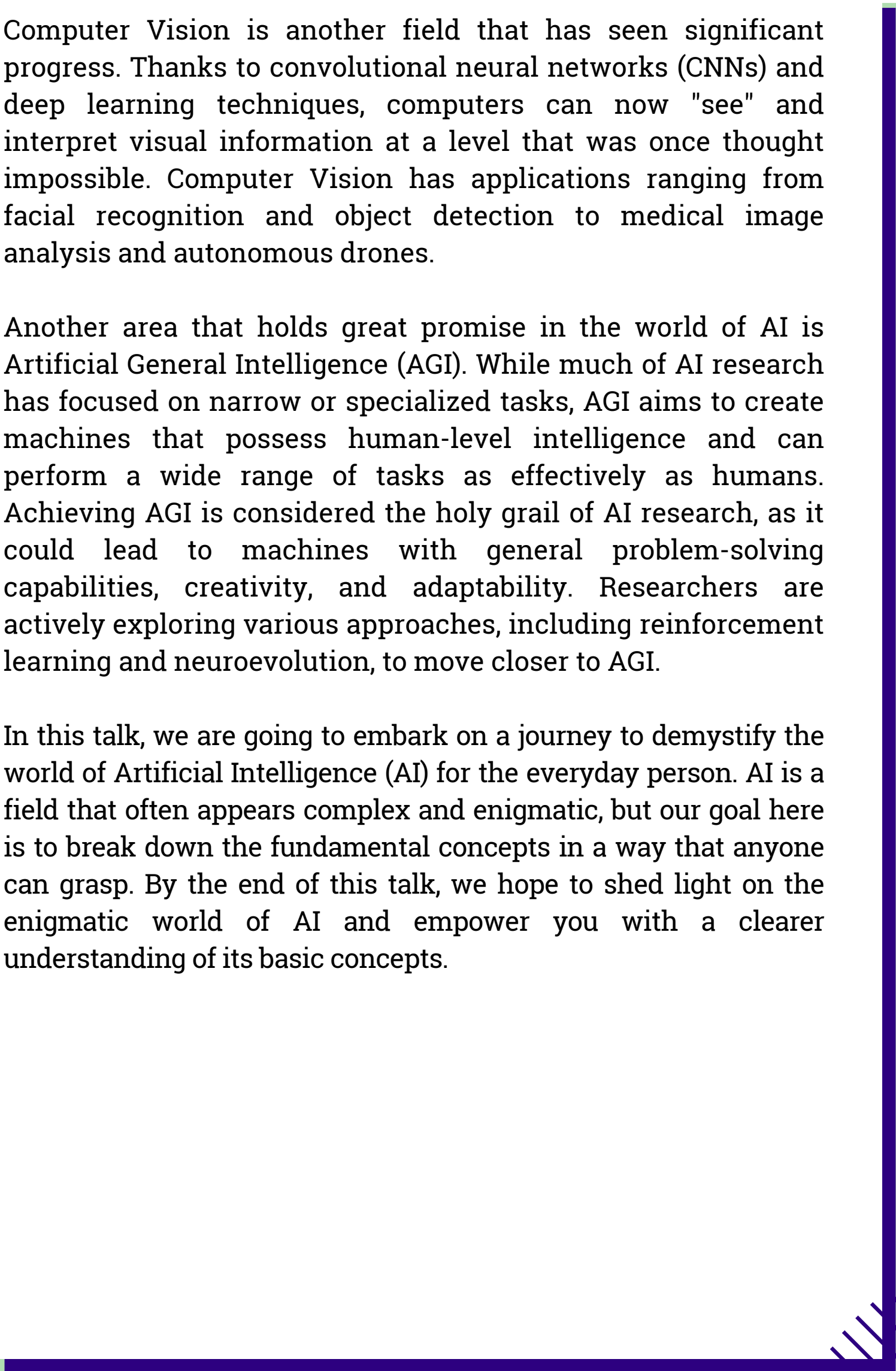
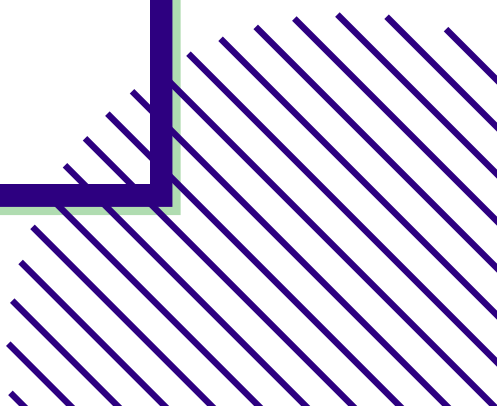




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Another area that holds great promise in the world of AI is Artificial General Intelligence (AGI). While much of AI research has focused on narrow or specialized tasks, AGI aims to create machines that possess human-level intelligence and can perform a wide range of tasks as effectively as humans. Achieving AGI is considered the holy grail of AI research, as it could lead to machines with general problem-solving capabilities, creativity, and adaptability. Researchers are actively exploring various approaches, including reinforcement learning and neuroevolution, to move closer to AGI.

In this talk, we are going to embark on a journey to demystify the world of Artificial Intelligence (AI) for the everyday person. AI is a field that often appears complex and enigmatic, but our goal here is to break down the fundamental concepts in a way that anyone can grasp. By the end of this talk, we hope to shed light on the enigmatic world of AI and empower you with a clearer understanding of its basic concepts.



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