



ANNUAL REPORT

2022



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WORDS FROM THE DIRECTOR

It is with great pleasure that I present the first annual report for SHAPE – Shaping Digital Citizenship. SHAPE is funded by Aarhus University and hosted by the School of Communication and Culture at the Department of Digital Design and Information Studies.

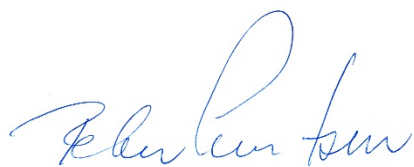
The ambition of SHAPE is to promote democracy and citizenship in a world which is characterized by data and algorithms. We will meet this ambition, not only through cutting edge research, but also through active engagement and involvement in the surrounding society.

2022 marked the first year of SHAPE's operation. It was primarily a year of building up the centre, recruiting new people and establishing collaborations on a local, national and international level.

Though we have spent much time on administrative and bureaucratic tasks, we now – a year later – see the potential in SHAPE. The centre's researchers have not only been doing research but have also given numerous lectures and talks at many occasions, engaged students and organized conferences and talks with other researchers. Among many other activities, we invited Assoc. Prof. Yanni Loukissas (Georgia Tech) who is author of the book 'All Data are Local' (2019) for a virtual meeting and talk, and PI Anja Bechmann was appointed member of the Nordic Council of Minister's Nordic think tank that examines tech giants influence on democracy in the Nordic Region.

Regardless of where we have been, SHAPE has received a positive and curious reception. This has underlined our conviction that SHAPE is a necessary and useful initiative. But this reception has also shown us that there are many good forces working in the same direction as us. And without these forces, SHAPE will never be a success. Let me therefore end by saying thank you to the many people and organizations we have been in dialogue with over the last year. We look forward to continuing the conversation next year as well.

With warm regards,



Peter Lauritsen, Professor and Director

ADMINISTRATIVE STAFF

Peter Lauritsen, Professor and Director

Katrine Østerlund Rasmussen, Academic Employee

Ane Wintoniak-Bendtsen, Student Assistant

ADVISORY BOARD

Kaj Grønbæk, Head of Department, Dept. of Computer Science, Faculty of Natural Sciences

Niels Mejlgaard, Vice Dean, School of Business and Social Sciences

Mette Nørgaard, Professor, Dept. of Clinical Medicine, Faculty of Health

Anne Marie Pahuus, Vice Dean, Faculty of Arts

Brian Vinter, Vice Dean, Faculty of Technical Sciences

RESEARCH PROJECTS

Currently, SHAPE holds four research projects, each lead by a PI; Digital Citizenship, Digital Activism, Digital Technologies and Collective Behavior, and Digital Literacy and Machine Learning.

DIGITAL CITIZENSHIP

The aim of the project is to conduct research that furthers the theoretical and empirical understanding of the digital representation of citizens – ‘the digital double’.

A central concern of the project is to deepen our knowledge about how citizenship is affected and transformed by digitalisation and datafication and especially how vulnerable citizens are affected.

An important objective of SHAPE is to contribute to and engage in the public debate and understanding of how digital infrastructures and data affect society, democracy, citizenship and subjectivity. Therefore, the aim of this project is to make visible the qualities, power and politics of datafication and digital infrastructures, and thereby make them more accessible to and debatable for the public.

The project will cover the following questions:

- How is the relation between digitization and trust configured and developed in the Danish digitization strategies?
- What characterizes experiences and practices of digital citizenship among selected and vulnerable citizens?
- How do selected and vulnerable citizens experience their digital representation in public governance systems?
- How may digitalization result in different types of vulnerability?

Project participants

Assoc. Prof. Peter Danholt (PI), Assoc. Prof. Antoinette Mary Fage-Butler (co-PI), Prof. Peter Lauritsen, and Postdoc Patrick Heiberg Kapsch.

Collaborator

The Municipality of Aarhus.

DIGITAL ACTIVISM

Ideally, the internet offers a democratic space open to everyone for limited resources. In reality, access, collaboration, circulation, and infrastructures are often standardized and regulated by corporate platforms, who leave little room for negotiation. This goes for a diverse set of domains and practices such as the production and distribution of music and literature, social media practices, and even the research practices by which we study these. SHAPE Digital Activism inquires and communicates ways to create such negotiations and engages with the need for more open and diversifying approaches to the use, production and teaching of technology.

Our outset is in critical studies of software (software studies) which is build on the observation that politics (the governance of cultural preferences, labor, ideologies, etc.) is inscribed into the design of

IT. Critical analysis of software allows us, conversely, to understand how social relations, in/exclusions, the production of value/values, etc. take place in our everyday. Combining theoretical, analytical, and practice-based approaches, we study code, algorithms, data, software infrastructures, and user interfaces, and focus on diverse domains, such as search engines, data feeds, print/digital publishing, and more. However, we specifically emphasize software production that negotiates, or in other ways bring the politics of production to the fore, as found in media art and internet activism.

Project participants

Assoc. Prof. Christian Ulrik Andersen (PI), Assoc. Prof. Winnie Soon (co-PI), Assoc. Prof. Pablo Velasco (co-PI), and Postdoc Renée Ridgway.

DIGITAL TECHNOLOGIES AND COLLECTIVE BEHAVIOR

Digital technologies and their algorithms play an important role in our democracy and for social cohesion. On the one hand, they provide a space for optimising behavior, creating communities and exchanging opinions. But on the other hand, they may also be used as an instrument for strengthening bias, segmentation and discrimination – and for spreading misleading information or even disinformation from influential individuals and coordinated networks, for instance. This project studies and then documents and renders visible such potential collective user behavior patterns.

Project participants

Prof. Anja Bechmann (PI), Postdoc Marina Charquero Ballester, Postdoc Jessica Gabriele Walter.

Collaborators

Faktabaari, TjekDet, Faktisk, källkritikbyrå, Pagella Politica, ATC, University of Uppsala, University of Bergen, University of Helsinki, University of Amsterdam, European University Institute, George Washington University, Brown University, and META (data grant awarded in 2022).

DIGITAL LITERACY AND MACHINE LEARNING

This project aims to develop specific, hands-on courses in digital technology targeting artificial intelligence and machine learning for Danish citizens aged 40-70 with a view to supporting active citizenship, creativity and empowerment in a digitalised contemporary reality.

Predictive technologies play a vital role in the development of the Danish welfare state ranging from screening for breast cancer and predictions of neglect in families to everyday technologies, helping consumers to make the right choices based on our individual preferences.

An understanding of technology is being integrated increasingly into the education system, all the way from primary and lower-secondary schools to colleges and university colleges; but a range of citizens do not have the necessary digital competences to understand and take an active part in the process of digitalisation which will dominate society in the years ahead. In collaboration with relevant partners, SHAPE will focus on increasing the amount of information provided for citizens about digital technology and (specifically) artificial intelligence and machine learning. This will be done in libraries and under the auspices of trade unions, with workshops focusing on constructive, critical and creative processes in which citizens gain hands-on understanding of the potential and consequences of technology.

SHAPE will develop a digital tool-kit called ml-machine.org, designed in particular for citizens with no previous experience of digital technology. In a co-design process with Dokk1 and trade unions, we will develop and test a citizens' information process in which citizens are given the chance to construct their own artificial intelligence systems with a view to understanding the technologies that are currently being integrated throughout society. This process integrates four areas of competence: the technological ability to act, computational thinking, digital design and digital empowerment. But it focuses on digital empowerment.

Platform for machine learning for everyone

ml-machine.org is an online learning platform which uses machine learning to train a computer model to recognise various movements. Connecting a micro:bit to a computer enables ml-machine.org to use the built-in accelerometer to collect and train the model to recognise movement data. ml-machine.org can also be set up to react to recognition with various outputs, making it possible to create an interactive system. ml-machine.org is designed to enable users to quickly create a functional system and then explore more advanced details in the machine learning process, depending on what they are most interested in. The system uses a standard web browser, so it is easy to access and you only need a micro:bit to get started. The user's data is also secure because it never leaves the user's computer.

Project participants

Prof. Ole Sejer Iversen (PI) and Prof. Peter Dalsgaard (PI).

Collaborators

Dansk Magisterforening, DOKK1, and Alexandra Instituttet. PhD Students from Dept. of Computer Science Karl-Emil Kjær Bilstrup and Magnus Høholt Kaspersen are affiliated with the project together with Assoc. Prof. Marianne Graves Petersen from Dept. of Computer Science.

HIGHLIGHTS DURING 2022

FEBRUARY

Peter Lauritsen is appointed Director of SHAPE

JULY

Katrine Østerlund Rasmussen joins SHAPE as Academic Employee

SEPTEMBER

Kasper Heiberg Kapsch joins the Digital Citizenship project as Postdoc

Renée Ridgway joins the Digital Activism project as Postdoc

Conference: 'AI and the Humanities' is held in collaboration with the Human Futures Research Program at Aarhus University

Conference: 'Democracy & Digital Citizenship' is held at Roskilde University

OCTOBER

Ane Wintoniak-Bendtsen joins SHAPE as Student Assistant

ECREA post-conference: 'Digital media and information disorders' is held at Aarhus University

8 projects across faculties at Aarhus University have been awarded seed funding from SHAPE

NOVEMBER

Invited virtual guest: Yanni Loukissas (Georgia Tech), author of 'All Data are Local'

Expo: Master students at Aarhus University present SHAPE cases at The Kitchen

Symposium: 'The Data-driven welfare state? From digitization to datafication' is held in collaboration with the ADD Project at DPU

Ass. Prof. Pablo Velasco joins the Digital Activism project

DECEMBER

Workshop: 'Another AI: exploring the imaginaries of AI through the DARC Library' is held in Mexico City

SHAPE researchers are awarded 500.000 DKK from AUFF NOVA to the project 'Data Doubles in Social Work'

HIGHLIGHT 2022: SYMPOSIUM ON THE DATA DRIVEN WELFARE STATE GATHERS DANISH RESEARCHERS AND STAKEHOLDERS

Text by Ane Wintoniak-Bendtsen

In November 2022, the symposium “The Data Driven Welfare State? From Digitalization to Datafication” was hosted by DPU, Aarhus University. The ADD Project (Algorithms, Data and Democracy) and SHAPE – Shaping Digital Citizenship was the organizers of the day which aim was to gather researchers, practitioners, and decision-makers to discuss perspectives of the data driven welfare state.

Research in technology and humans can help us ask questions of relevance to society

The Danish Government’s latest digitalization strategy relies on prior strategies, but one of the most important changes is the aim on using all the hitherto collected data as a resource. This also involve the Danish welfare state, which opens new questions about data ethic and trust, ‘the professional estimate’, the relation between the state and the citizenship etc.

Associate Professor, co-PI in the ADD-project, and initiator of the symposium, Helene Friis Ratner tells about the insights she hopes the participant’s take-off:

“We got some important experiences for the further development of data driven technologies: the importance of thinking small and local instead of complex and universal when we design new systems;



the importance of designing technology for human – social workers and (many different) citizens – and not technology for the sake of (hyped) technology.”

The symposium gathered different participants who can ask central and abstract questions on designing and implementing technologies in the Danish welfare state which is something Helene hope the symposium will contribute to now and in the future. Associate Professor, PI at SHAPE, and speaker at the symposium Peter Danholt agrees with her:

“To me, this symposium has great value, because it brings researchers together with companies, organizations and citizens for the purpose of exploring different issues. There are no clear answers or solution, when the day is over, but the issues have been said and discussed and hopefully that makes feel enriched which is essential for our ability to ‘provide’ the answers and solutions.”

Peter Danholt elaborates with the following:

“This day has given me many ideas for projects and seminars and I hope to cooperate with new partners in the future.”

About the symposium

The symposium was held at DPU, Aarhus University, Emdrup on 27 November 2022.

HIGHLIGHT 2022:

A SERIES OF SEMINARS WILL FOCUS ON THE LEGAL ASPECTS OF DIGITAL CITIZENSHIP

Text by Katrine Østerlund Rasmussen

In 2023, a new series of seminars will bring focus on the legal aspects of digital citizenship. How do we ensure to uphold legal rights in relation to the increasing digitalization? Researchers from The Department of Law at Aarhus BSS and the research center SHAPE – Shaping Digital Citizenship will bring this question and theme into focus.



Professor MSO Per Andersen and Professor Bettina Lemann Kristensen from Department of Law are initiators of the series of seminars which will focus on the legal aspects of digital citizenship.

The Danish Government's digitalization strategy from May 2022 requires a law that supports and help secure "an effective and user-friendly digital administration, an up-to-date frame for use of new technologies, and development of digital solutions with the legal

rights of the Danish citizens as a starting point" (Danmarks digitaliseringsstrategi – Sammen om den digitale udvikling, 2022, page 46).

But what is the status of citizens legal rights in the digital transformation of the society? How do we secure digital inclusiveness, and how do we secure the legal rights of the non-trained digital users in a highly digitalized society?

According to Professor MSO Per Andersen and Professor Bettina Lemann Kristensen from the Department of Law, the answer to the question on how we as society make sure to utilize both digitalization, legal rights, and digital citizenship, manifest itself in the concrete solutions being processed in the ongoing digital transformation. "This series of seminars can help gather researchers and practioners, so we can learn from each other and discuss different solutions", says Per Andersen and Betinna Lemann Kristensen.

About the seminars

Four half-day seminars on the tension field of law, digitalization and democracy will be held in the spring and in the fall of 2023. Professor MSO Per Andersen and Professor Bettina Lemann Kristansen from the Department of Law, Aarhus BSS are initiators of these seminars. The aim of the series of seminars is to bring researchers and practioners together to share knowledge and perspectives on both pitfalls and possibilities of the digitalization of the legal frame in the Danish democracy. The project is funded by SHAPE – Shaping Digital Citizenship.

RESEARCH ACTIVITIES 2022

SHAPE's researchers participated in various activities and gave numerous talks and presentations during 2022.

TALKS

Renée Ridgway gave the talk "Coach, ally or friend? Surrogate care of therapy chatbots as transactional exchanges" at the conference Society for Social Studies of Science, Ibero-American University Puebla, Mexico, 9 December 2022.

Ole Sejer Iversen gave a talk on data rights at UNESCO's Conference, 5 December 2022.

Winnie Soon gave a talk and was a part of the Hong Kong panel "Instilling an undertow: Micro-autonomous art practices and inquiries around P2P", 28 November 2022.

Peter Danholt gave the talk "The data driven ontology" at SHAPE and ADD's symposium "The data driven welfare state? From digitalization to datafication", Aarhus University, 17 November 2022.

Ole Sejer Iversen was the keynote speaker with the talk "Det ser sjovt ud, men lærer de noget?" at the Ministry of Education's conference Digitaliseringsdage, 10 November 2022.

Patrick Heiberg Kapsch presented the article "Exploring user agency and small acts of algorithm engagement in everyday media use" på konferencen ECREA 2022, 18 October 2022.

Peter Dalsgaard presented the article "Four Challenges of Designing Digital Services to Support Participatory Design" at the NordiCHI conference 2022, 10 October 2022.

Peter Danholt gave the talk "The intrusion of the digital?" at the Democracy & Digital Citizenship Conference, Roskilde University, 30 September 2022.

Renée Ridgway gave the talk "Subjectivities of search vs. agencies of anonymity: Reimagining Google's organisational theology through Tor's recursive public" at Democracy & Digital Citizenship Conference, Roskilde University, 29 September 2022.

Renée Ridgway gave the talk "The Future of Search: exploring virtual assistants (AI) through a critical ethnography of the self". Digital Futures in the Making: Imaginaries, Politics, and Materialities, Digilab: Institute of Anthropological Studies in Culture and History, University of Hamburg, DE, 14 September 2022.

Peter Danholt gave the talk "AI in/of a more-than-human world" at the AI and the Humanities Conference, Aarhus University, 7 September 2022.

Anja Bechmann was invited speaker at Global Fact 9, academic track, OsloMet, Norway, 22-25 June 2022.

Anja Bechmann was invited speaker, SOCIAL MEDIA INFLUENCE: A large-scale study of social media as infrastructures for influence in national populations with a focus on false information, Symposium

on Populism, Polarisation, and Propaganda in Times of Crisis, University of Zürich, Switzerland, 28 October 2022.

Anja Bechmann was invited speaker: Perspectives for a healthier information diet in Nordic countries, Nordic Democracy Day: Digitalization and Democracy, Hanaholmen, Finland, 2 December 2022.

Christian Ulrik Andersen gave the talk “Protest and Aesthetics in The Metainterface Spectacle” at the International Symposium of Eletronic Arts (ISEA), Barcelona, 14 June 2022.

Pablo Velasco, Christian Ulrik Andersen and Kasper Schiølin gave the combined talk and workshop “Another AI: exploring the imaginaries of AI through the DARC Library” at the National Autonomous University of Mexico (UNAM), Mexico City, 5 December 2022.

Christian Ulrik Andersen gave the talk “Unboxing artificial intelligence - artist interfaces to platform culture” at the conference Society for Social Studies of Science (4S) / Esocite at Universidad Iberoamericana Puebla, Mexico, 8 December 2022.

Pablo Velasco gave the talk “Decentralising techno-optimism – how to make critique of and with an empirical object” at the conference Society for Social Studies of Science (4S) / Esocite at Universidad Iberoamericana Puebla, Mexico, 8 December 2022.

PUBLICATIONS

The publications listed below are either funded by SHAPE/Aarhus University or external funds, though all are affiliated with projects at SHAPE.

Ole Sejer Iversen was co-author of an article on children and young people’s comprehension of the ethical and social consequences of emerging technologies “Computational empowerment in practice: Scaffolding teenagers’ learning about emerging technologies and their ethical and societal impact. *International Journal of Child-Computer Interaction*.

Peter Dalsgaard was co-author on the article “Four Challenges of Designing Digital Services to Support Participatory Design”. *ACM*.

Peter Lauritsen and Peter Danholt were authors of the article “The Role of Digital Data on Citizens in Social Work Research: A Literature Review”. *British Journal of Social Work*. September 2022.

Ole Sejer Iversen was co-author of an article on AI and machine learning in education. “Internet of Things og Augmented Reality, Emerging Technologies in K-12 Education: A Future HCI Research Agenda”. *ACM Transactions on Computer-Human Interaction*.

Ole Sejer Iversen was co-author on an article about children and young people’s critical data literacy in the field of education “Supporting Critical Data Literacy in K-9 Education: Three Principles for Enriching Pupils’ Relationship to Data”. *Interaction Design and Children*.

Christian Ulrik Andersen is co-author of the publication “Rendering Research”. *APJRA*.

Anja Bechmann was co-author of the publication “Digital false information at scale in the European Union: Current state of research in various disciplines, and future directions”. *New Media & Society*.

Anja Bechmann, Jessica Walter and Marina Ballester were co-authors of the publication “Digital Infrastructures of COVID-19 Misinformation: a new conceptual and analytical perspective on fact-checking”. *Digital Journalism*.

OUTREACH AND ACTIVITIES

Renée Ridgway was invited to the panel discussion 'Ethics of Search'. 4th Open Search Conference, CERN, 10-12 October 2022.

Peter Danholt was guest in the podcast episode “Hvad kan AI lære os om os selv? – AI og humaniora 2”, 28 September 2022.

Anja Bechmann was appointed as member of the Nordic Council of Minister’s Nordic think tank that examines tech giants influence on democracy in the Nordic Region.

Anja Bechmann was invited panelist: The digital giants and democracy, Nordic Democracy Day: Digitalization and Democracy, Hanaholmen, Finland, 2 December 2022.

Anja Bechmann was interviewed by Lone Frank on social media and filter bubbles for the podcast ‘24 spørgsmål til professoren’, Weekendavisen, 7 March 2022.

Anja Bechmann participated in all three episodes of the podcast ‘Dig og Dine Data’ (You and Your Data) by Anders Høeg Nissen for Science Museerne.

Anja Bechmann co-authored 10 recommendations by the Taskforce on Disinformation and the War in Ukraine as a member of the taskforce under European Digital Media Observatory (EDMO) chaired by Dr. Claire Wardle and including 18 members representing academia, journalism, media and civil society, from 10 countries across the EU, 29 June 2022.

Christian Ulrik Andersen organized the PhD research workshop “Rendering Research”, École de Recherche Graphique, Brussels, 23-25 March 2022.

EVENTS 2022

During 2022, SHAPE was organizer or co-organizer of several events such as workshops and conferences.



Peter Danholt gave a talk "AI in/of a more-than-human world" at the AI and the Humanities conference on 7 September 2022.

Seminar: AI and Creativity. Seminar organized in collaboration with the Human Future Research program. 19 December 2022, Comwell Aarhus.

Workshop: Another AI: exploring the imaginaries of AI through the DARC Library. Workshop organized by SHAPE and the Digital Aesthetics Research Centre (DARC). 5-6 December 2022, Facultad de Filosofía y Letras, UNAM, Mexico City.

Workshop: Hello Terminal. Online workshop hosted by Ass. Prof. Winnie Soon, facilitated by developer, sysadmin and artist, Mara Karagianni. 30 November 2022, online.

Expo: Master students presenting SHAPE cases. Two groups of students from the master's course "Humanistisk Innovation" at Aarhus University presented cases in collaboration with SHAPE. 28 November 2022, The Kitchen, Aarhus University.



Master students presented their SHAPE cases as part of the course “Humanistisk Innovation” at The Kitchen on 28 November 2022.

Symposium: The Data-driven welfare state? From digitization to datafication. Symposium organized in collaboration with ADD – Algoritmer, Data & Demokrati and Helene Ratner. 17 November 2022, DPU Emdrup, Aarhus University.

The Sociotechnical Datastudies Saloon meets Yanni Loukissas. Author of the book *All Data Are Local* (MIT Press, 2019), Ass. Prof. Yanni Loukissas gave the inaugurate talk in the Sociotechnical Datastudies Saloon (SDS), SHAPE. The event was hosted by Ass. Prof. Peter Danholt. 11 November 2022, online.

ECREA post-conference: Digital Media and Information Disorders: Theorizing and investigating influence operations, impact, and contextual factors. Post-conference organized by Prof. Anja Bechmann and Postdoc Jessica G. Walter. 24 October 2022, Aarhus University.

Conference: Democracy and Digital Citizenship. Conference organized in collaboration with Centre for Digital Citizenship (CDC) at Roskilde University, Digital Democracy Centre (DDC) at University of Southern Denmark and Copenhagen Centre for Social Data Science (SODAS) at Copenhagen University. 29-30 September 2022, Roskilde University.

Conference: AI and the Humanities. Conference organized in collaboration with the Human Futures Research program. 6-7 September 2022, Aarhus University.



SHAPE's project on collective behavior organized the ECREA international post-conference on Digital Media and Information Disorders: Theorizing and investigating influence operations, impact, and contextual factors.

SEED FUNDING

SHAPE has awarded seed funding to eight projects at Aarhus University which aim to understand and support the development of digital citizenship. A total of 618.500 DKK has been allocated to below recipients during 2022.

Janet Rafner, Dept. of Linguistics, Cognitive Science and Semiotics and the Center for Hybrid Intelligence & Dept. of Management, Aarhus BSS, Aarhus University

Project title: *Visual human-AI-partnerships for civic action*

Collaborators: Center for Aesthetics of AI Images (AU), Center for Hybrid Intelligence (AU), Academy for Talented Youth (ATU, Region Midt), Aarhus International School (AIS), The Danish Academy of Technical Sciences (ATV) og Aarhus Kommune (ITK CityLab).

Marie Louise Tørring, Dept. of Anthropology, Faculty of Arts, Aarhus University

Project title: *The CAVA-Project: Comparing Adverse Vaccine Event Reporting – an interdisciplinary study of early 21st Century digital health citizenship in Denmark*

The project is conducted in collaboration with researchers at Faculty of Natural Sciences (AU), Faculty of Health (AU), and Aarhus University Hospital.

Collaborators:

AU Nat: Center for Science Studies: Kristian Hvidtfelt Nielsen and Torben Esbo Agergaard

AU Arts: Center for Humanities Computing: Kristoffer Laigaard Nielbo; Linguistics, Cognitive Science & Semiotics: Rebekah B. Baglini, Alexandra R. Kratschmer, Ana Paulla Braga Matos; Dept. of English: Antoinette Fage-Butler; Dept. of Anthropology: Stine Hauberg Nielsen, Ane Kathrine Lolholm Gammelby

AU Health: Dept. of Epidemiology: Dorte Rytter; Dept. of Health Service Research, Loni Kraus Ledderer
Aarhus Univ. Hospital: Functional Disorders, Lisbeth Frostholt

Midas Nouwens and **Jonas Frich**, Dept. of Digital Design and Information Studies, Faculty of Arts, Aarhus University

Project title: *Amplifying Data Rights*

Lotte Philipsen, Dept. of Art History, Aesthetics and Culture and Museology, Faculty of Arts, Aarhus University

Project title: *AI billedpraksisser som digitalt medborgerskab*

Per Andersen and **Bettina Lemann Kristiansen**, Department of Law, Aarhus BSS, Aarhus University

Project title: *Seminarrække om digitalt medborgerskab i retligt lys*

Jakob Linaa Jensen, Dept. of Media and Journalism Studies, Faculty of Arts, Aarhus University

Project title: *Spørgeskemaundersøgelse af befolkningens brug af sociale medier i valgkampen*

Collaborators: Prof. Helene Helbroe Pedersen and Assoc. Prof. Jens Peter Frølund from Department of Political Science, AU. Sander Schwartz from University of Roskilde Universitet and Lisbeth Klastrop from ITU.

Adela Sobotkova, Dept. of History and Classical Studies, Faculty of Arts, Aarhus University

Project title: *Testing Democracy from the Bottom-Up: Plan and Reality of Civil Defense in Cold-War Aarhus*

Mads Rosendahl Thomsen, Dept. of Comparative Literature and Rhetoric, The Human Future Research Program, Faculty of Arts, Aarhus University

Project title: *Videreførelse af Human Futures-aktiviteter omkring AI*

ACTIVITIES IN 2023

In spring 2023, SHAPE will organize a **workshop for students** at Aarhus University on democracy and trust in the state. The program includes presentations from external speakers, general discussions, and group discussions, among other things.

In the spring semester of 2023, Peter Lauritsen will teach a **course on democracy and the digital double** to 2nd semester master's students in Information Studies.

In February 2023 SHAPE will close the call for the second round of **seed funding applications**.

The Digital Activism project will **organize a workshop** "Toward a minor tech" at the Transmediale Festival in Berlin, February 2023.

In 2023, SHAPE will **recruit new researchers**; three postdocs located at Katrinebjerg from the beginning of 2023, and five 10-months AIAS-SHAPE fellowships from August 2023 – June 2024.

A new project 'Data Doubles in Social Work' lead by Peter Lauritsen and Peter Danholt will investigate vulnerable children and their digital double. The project is conducted in collaboration with the Municipality of Aarhus and has been awarded 500.000 DKK from AUFF NOVA.

A new **EU COST ACTION project** (2022-2026) CA21129 – "What are Opinions? Integrating Theory and Methods for Automatically Analyzing Opinionated Communication" (OPINION) received funding in which Anja Bechmann was co-applicant and is representing Denmark in the management committee.

The project 'Digital Technologies and Collective Behavior' received a new EU grant in 2022 for a **continuation of the project EDMO** for 2023-2025 (250,000 EURO). The team consists of Mathias Holm Tveen, Jessica G. Walter and Anja Bechmann.