Australian Academy of the Humanities' 2nd Humanities, Arts and Culture Data Summit *and* 3rd international DARIAH Beyond Europe workshop

Wednesday 27 March 2019

10:00 WELCOME

Chair: *Dr Kylie Brass – Australian Academy of the Humanities (AAH) Director, Policy & Research*

Tyronne Bell — Welcome to Country

Tyronne Bell is the youngest of seven children and grew up in Yass, learning traditional culture from his father, Don Bell (senior). Challenging early experiences helped shape his lifelong passion for the advancement of Aboriginal issues. Tyronne has become a strong advocate for the recognition of Aboriginal culture and language, in particular, the culture and language of the Ngunawal people. Tyronne has worked as a ranger in ACT Parks and Conservation and spent ten years in the public service, mainly in the Aboriginal Affairs portfolio where he worked in the Native Title Unit. Tyronne started his own business in July 2013, Thunderstone Aboriginal Cultural and Land Management Services as a means to educate the wider community about the local history and culture of the Canberra region and its traditional custodians. Tyronne has formed many connections within the Indigenous and non-Indigenous community and has been deeply involved in many community-based activities and projects over the years. His cultural knowledge of the local region is considerable. Tyronne has lived on Country all his life.

www.thunderstone.net.au

Professor Joy Damousi FAHA FASSA — Australian Academy of the Humanities (AAH), President

@joydamousi @HumanitiesAU

Joy Damousi is a Professor in the Department of History at the University of Melbourne. She was elected to the Australian Academy of the Humanities in 2004 and to Council in 2016 and is currently the President. She is a member of the Academy's History Section, of which she was the Head 2008–11. She was also a member of the Academy's Awards Committee 2012-17. Joy is a graduate of La Trobe University where she completed her BA (Hons) and the ANU where she undertook her doctoral research. She is currently a Professor of History in the School of Historical and Philosophical Studies at the University of Melbourne. Between 2002-04 she was the Associate Dean (Research) in the Faculty of Arts with the University of Melbourne and is Chair of the Arts and Education panel of

the University's Human Research Ethics Committee. Her areas of research and publication include memory and the history of emotions, history of child refugees, humanitarianism and internationalism from 1920 for which she was awarded an Australian Research Council Laureate Fellowship. She is also currently the editor of the History Series for Melbourne University Press and has served as the chair of Humanities and Creative Arts panels of ERA and the ARC College of Experts.

Ian Duncan — Acting Executive Director, Australian Research Data Commons (ARDC)

@ARDC_AU

Ian is the Acting Executive Director of the Australian Research Data Commons (ARDC). He has held roles including Director of the RDS NCRIS project, has led programs within ANDS, and has been Associate Director of Enterprise Support and Associate Director of Infrastructure and Operations at the University of Queensland, as well as founding, running, and selling his own Internet Payment Gateway company and ISP, and working for the Shell Oil Company and National Australia Bank. He has a degree in Economics and Politics, is married to a Professor researching Alzheimer's Disease, has two fantastic teenage kids, and sees opportunities for collaboration, reinforcement, support, and excellence throughout the research sector and feels immensely positive and optimistic about the impact the ARDC, together with their partners, can bring about.

https://ardc.edu.au/

Professor Jennifer Edmond — President, Board of Directors, Digital Research Infrastructure for the Arts and Humanities (DARIAH)

@jedmond36 @DARIAHeu

Jennifer Edmond is President of the Board of Directors of DARIAH-EU and Associate Professor of Digital Humanities at Trinity College Dublin. She is an experienced coordinator and partner of a number of EU-funded research projects including: CENDARI (Collaborative European Digital Archival Research Infrastructure), PARTHENOS (Pooling Activities, Resources and Tools for Heritage E-research Networking, Optimization and Synergies and KPLEX (Knowledge Complexity), and sits on the Strategic Board of the SSHOC (Social Sciences and Humanities Open Cloud) project. She also represents DARIAH-EU on the Open Science Policy Platform (OSPP), which supports the European Commission in developing and promoting Open Science policy. She holds a PhD in Germanic Languages and Literatures from Yale University, and applies her training as a scholar of language, narrative and culture to the study and promotion of advanced methods in and infrastructures for the arts and humanities.

www.dariah.eu

10:45 BIG IDEAS PANEL 1 —
Transformations
Chair: *Professor Joy Damousi FASSA FAHA — AAH President*

Dr James Smithies — Director, King's Digital Lab

@kingsdigitallab

James Smithies is Director of King's Digital Lab (KDL) and Deputy Director of eResearch, King's College London. He is author of *The Digital Humanities and the Digital Modern* (Palgrave Macmillan, 2017). His doctorate is in the history of ideas, and he has published across a range of subjects including digital humanities, digital archiving, literary history, and the history of computing and technology. He has lectured in Digital Humanities, History, English, and Philosophy, and worked as a Project Manager and Senior Business Analyst in the government and commercial IT industry in New Zealand and the United Kingdom. From 2011 – 2015 James was Senior Lecturer in Digital Humanities & Associate Director of the CEISMIC Digital Archive at the University of Canterbury, New Zealand.

> **Integrating DH into the longue durée: Research Laboratories, History, Methods**
>
> *Digital Humanities laboratories, where teams of software engineers collaborate with researchers on work ranging from large funded projects to sundry experiments, provide unexpected insights into the current state and future potential of the humanities. King's Digital Lab (KDL) at King's College London – a large team by contemporary standards - demonstrates how these facilities contribute to theory, method, and the wider knowledge environment. This talk describes KDL from methodological, epistemological, technological, and business perspectives in an attempt to align the lab to the longue durée of history. The 'collision' of these elements in the physical space of a central London laboratory offers a complex interpretative domain, as rich in potential meaning and implication as scientific laboratories studied in earlier decades. The various methodologies used in the lab present a complex entanglement of humans and machines with the economics of contemporary academia, but also an experimental space where the future of the humanities is - for better or worse - being influenced.*

Dr James Rose — Indigenous Studies Unit, Melbourne School of Population and Global Health

James Rose is a Senior Research Fellow with the Indigenous Studies Unit, Melbourne School of Population and Global Health, University of Melbourne, where he coordinates the Indigenous Data Network. He specialises in large-scale forensic population modelling, social and kinship network analysis, geographic information systems, and relational database systems design and implementation. Dr Rose holds degrees in population health, social anthropology, and visual art. He has over 15 years' experience working for Indigenous-controlled organisations across urban and remote Southeast, Central, and Northern Australia, in areas of native title, population health, and cultural heritage preservation.

> *This paper presents key principles underpinning the newly formed Indigenous Data Network, based at the Melbourne School of Population & Global Health, University of Melbourne. The purpose of the IDN is the establishment of an integrated national Indigenous data governance framework, premised on the definition of Indigenous data as an as-yet unregulated asset class. This new initiative carries important implications for the collection, storage, and distribution of data owned by Indigenous Australians.*

12:00 ADDRESS —
Platforms for Humanities, Arts, Social Sciences and Indigenous Research
Chair: *Dr Christina Parolin — AAH Executive Director*

Carolyn Shrives — Branch Manager Research Policy and Programs, Australian Government Department of Education and Training

13:30 BIG IDEAS PANEL 2 —
Intersections
Chair: *Professor Jennifer Edmond — DARIAH*

Seb Chan — Chief Experience Officer, Australian Centre for the Moving Image
@ACMI

Seb Chan is Chief Experience Officer at the Australian Centre for the Moving Image in Melbourne. He is responsible for holistic experience design and oversees teams responsible for experience and digital, ICT, as well as the museum's collections, digitisation and digital preservation programs. Prior to this he led the digital renewal and transformation of the Cooper Hewitt Smithsonian Design Museum in New York (2011-2015). At the Cooper Hewitt he also led experiments in the acquisition of digital design including the first 'App' to enter the Smithsonian's permanent collection. He drove the Powerhouse Museum's pioneering work in open access, mass collaboration and digital experience during the 2000s. He has also worked as a museum consultant with institutions across North America, Europe and Asia. His work has won awards from American Alliance of Museums, One Club, D&AD, Fast Company and Core77. He is an Adjunct Professor, School of Media and Communications, in the College of Design and Social Context at RMIT, and is a member of the international advisory board of Art Science Museum (Singapore), and advisory committees for the National Museum of Australia and the National Heritage Board of Singapore, and is a board member of Diversity Arts Australia. He is an alumni of the Getty Leadership Institute and Salzburg Global Seminar, and also leads a parallel life in digital art and electronic music.

Dr Marie-Louise Ayres — Director General, National Library of Australia
@Nlagovau

Marie-Louise Ayres was appointed Director-General of the National Library Australia in March 2017, having joined the Library in 2002. She has worked in research libraries for 25 years, after completing a PhD in Australian Literature at the Australian National University. Over the course of her career, Marie-Louise has developed and managed very large archival collections (including as Senior Curator, Pictures and Manuscripts at the NLA), and equally large digital services, including AustLit (at UNSW Canberra), Music Australia (at NLA) and – from 2011-2017 – Trove, the Library's flagship digital service. Dr Ayres has been a leader and participant in many National and State Libraries Australia projects, including NED, the National eDeposit service being jointly developed by Australia's national, state and territory libraries. She was a founding member of GLAM peak, and has a special interest in – and is an advocate for – the need to better integrate the very large digital collections managed by cultural institutions, and the research infrastructure needs of Australia's humanists and social scientists. She is committed to achieving the Library's strategic goals: to collect today what will be important tomorrow; to connect with communities and connect communities with collections; and to collaborate with others to maximise the national impact of cultural collections.

15:30 ADDRESS —
The DARIAH Big Idea
Chair: *Ian Duncan — ARDC*

Professor Jennifer Edmond — President, Board of Directors, DARIAH
@jedmond36 @DARIAHeu

This presentation will give an overview of the context and vision that has given rise to Europe's most comprehensive research infrastructure for the arts and humanities, DARIAH-EU. It will look not only at the history, framework conditions and underlying values and principles of the organisation, but also at its current strategic planning and operational alignment processes. Through these, DARIAH builds on its solid foundation to become a vibrant, sustainable and relevant resource for arts and humanities research in the digital age.

16:00 BIG IDEAS PANEL 3 —
Skills and Workforce Futures
Chair: *Dr Kylie Brass — AAH Director, Policy and Research*

Professor Jean Burgess — Director, Digital Media Research Centre, Queensland University of Technology

@jeanburgess @qutdmrc

Jean Burgess is Professor of Digital Media in the School of Communication and Director of the Digital Media Research Centre (DMRC) at Queensland University of Technology. Her research focuses on the uses, cultures and politics of digital media technologies and platforms, as well as new and innovative methods for studying them. Her co-authored and edited books include *YouTube: Online Video and Participatory Culture* (Polity Press, 2nd edition 2018), *Studying Mobile Media* (Routledge, 2012), *A Companion to New Media Dynamics* (Wiley-Blackwell, 2013), *Twitter and Society* (Peter Lang, 2014), and *The SAGE Handbook of Social Media* (SAGE, 2017). Her next book, co-authored with Nancy Baym, is *Twitter: A Biography* (forthcoming from NYU Press).

Digital methods and the future of communication and media research

In this age of 'deep mediatization' (Couldry and Hepp, 2017), a handful of proprietary digital media platforms owned by massive technology companies play a central role in shaping and contesting society and culture. Over the past decade, researchers from a range of HASS disciplines have developed new computational and hybrid digital methods to map and interrogate these developments, and PhD graduates with digital methods skills are now in hot demand. But, while the need for this kind of research has never been more urgent, access to digital media data is getting much harder for a range of institutional, economic, and practical reasons. In this presentation, I will discuss these developments in general and with respect to research infrastructure and training in the QUT Digital Media Research Centre.

Professor Joy Damousi FASSA FAHA — Lead Chief Investigator, Future Humanities Workforce project

@joydamousi @HumanitiesAU

Funded by the Australian Research Council, the Australian Academy of the Humanities' *Future Humanities Workforce* will engage with a range of stakeholders to develop a comprehensive understanding of the capacity and demographics of this humanities-trained workforce, to identify the contemporary challenges that it faces, and to devise strategies for securing its ongoing resilience and vitality. The focus in the first phase of the project is on the university-based workforce, and the wider postgraduate-trained workforce. This cohort plays a key role in preserving and advancing disciplinary knowledge in the humanities; in creating opportunities for knowledge exchange between academia, government and industry; and in training future generations of humanities graduates.

www.humanities.org.au/advice/projects/future-workforce

Associate Professor Mitchell Whitelaw — Australian National University

Mitchell Whitelaw is an academic, writer and practitioner with interests in digital art, design and culture, especially generative systems, data-aesthetics, and digital cultural collections. His work has appeared in journals including *Leonardo*, *Digital Creativity*, *Fibreculture*, and *Senses and Society*. His current work spans materiality, data and culture, with a practical focus on creating "generous interfaces" for digital heritage. He has worked with institutions including the State Library of NSW, the National Archives, and the National Gallery of Australia, developing innovative interfaces to their digital collections. Mitchell is currently an Associate Professor in the School of Art and Design at the Australian National University.

15:30 RECEPTION
Hosted by Dr Carina Kemp, Director eResearch
@AARNet

Thursday 28 March 2019

09:00 WELCOME
Chair: *Alexis Tindall -- ARDC*

09:10 ADDRESS —
DARIAH within and Beyond Europe: connecting with arts and humanities researchers worldwide

Sally Chambers — Digital Humanities Research Coordinator, Ghent Centre for Digital Humanities, DARIAH

@schambers3 @DARIAHeu

Sally Chambers is Digital Humanities Research Coordinator at Ghent Centre for Digital Humanities, Ghent University, where she coordinates Flemish and Belgian participation in DARIAH. From February 2019, DARIAH and CLARIN have joined forces in Flanders to co-develop the CLARIAH-VL: Open Humanities Service Infrastructure. She is Chair of the DARIAH-EU National Coordinator Committee and member of the Senior Management Team. From 2011-2015, Sally was Secretary-General of DARIAH-EU, based in the Göttingen Centre for Digital Humanities, Germany. Previously Sally worked for The European Library based at the National Library of the Netherlands, focusing on interoperability, metadata and technical project coordination. She is one of the core instigators of the Digital Research Lab at the Royal Library of Belgium (KBR) to facilitate data-level access to KBR's digitised and born-digital collections for (digital) humanities research.

> *DARIAH within and Beyond Europe: connecting with arts and humanities researchers worldwide - This presentation will introduce DARIAH, the Digital Research Infrastructure for the Arts and Humanities (DARIAH). As a network of people, expertise, information, knowledge, content, methods, tools and technologies it integrates the national activities from its 17 Member countries and operates a platform to enable trans-national research. This series of DARIAH Beyond Europe workshops has enabled DARIH to reach out to colleagues internationally with the view to exploring how such workshops can be a catalyst for ongoing collaborations.*

09:30 PANEL —
Overview of Australia: state of play and next five-ten years for digital humanities and arts
Chair: *Ingrid Mason – AARNet*

Marco Fahmi (University of Queensland) and Dr Tyne Daile Sumner (University of Melbourne) — Humanities, Arts and Social Sciences Data Enhanced Virtual Lab (HASS DeVL) project

Marco Fahmi manages the HASS Data Enhanced Virtual Laboratory project and leads the Digital Humanities and Social Sciences program at the University of Queensland; an initiative to support technology- and data-driven research activities and to develop a university-wide Digital Humanities and Social Sciences strategy.

Tyne Sumner is a researcher, consultant, and Digital Humanities engagement specialist. Her primary research focuses on the connections between Literature, surveillance and big data. Currently she trains HASS researchers in digital tools at the University of Melbourne, is deputy project manager of the HASS DeVL, and is working on a project that investigates the role of digital disruption on spaces and sense of place in Universities.

> *HASS research practice is being radically transformed by technology. The ready availability of massive digital data sources, affordable access to high-speed computing power, and the ubiquity of internet connections has changed how researchers work. Achieving success in a digital future will require access to, familiarity with, and the scholarly application of digital tools. The HASS Virtual Laboratory is a national effort to ready HASS researchers to a digital future by providing data and tools, delivering training programs and establishing communities of practice. By popularising and sharing digital skills and knowledge nationally and across HASS's diverse communities, the project hopes to contribute to a shared future vision of HASS digital research practice and infrastructure in Australia.*

> *This vision of collective research success will be grounded in a cultural shift where digital research becomes a normal practice in the Humanities, Arts and Social Sciences by empowering individuals, communities and institutions to create a rich landscape of innovative technology-driven interdisciplinary collaborations.*

Professor Jane Hunter — Director, Australian Urban Research Infrastructure Network

Jane Hunter is currently the Director of the Australian Urban Research Infrastructure Network (AURIN), at the University of Melbourne. Before this, she was Director of the eResearch Lab at the University of Queensland. She has published over 150 papers in the fields of e-Research, Digital Humanities, data analytics and semantic web. She has been the Chair of the Academy of Sciences National Committee for Data in Science and on the Executive of CODATA. More recently her interest has been in the e-social sciences and the use of data analytics to support evidence-based policy-making and adaptive programs to deliver more efficient and effective government services.

https://aurin.org.au

The Future Directions of the Australian Urban Research Infrastructure Network (AURIN)

This presentation will provide an overview of the current state of AURIN and identify the political, socio-economic and technical factors that will influence the future directions that AURIN will adopt in order to maximize its relevance and impact to the humanities and social science research communities, government, industry and the wider community. A number of case studies will be presented to illustrate the application of AURIN to finding solutions to real-world urban challenges.

Professor Joanne Tompkins — Executive Director Humanities and Creative Arts, Australian Research Council

@arc_gov_au

Joanne Tompkins is Executive Director for Humanities and Creative Arts at the Australia Research Council. Prior to the ARC, Professor Tompkins was Associate Dean (Research) in the Faculty of Humanities and Social Sciences at The University of Queensland (UQ). Her research has involved digital technologies through 3D visualisation and modelling of galleries and theatre spaces and through her being a founding member of AusStage, the digital research resource for Australian performing arts events.

Professor Tompkins will be presenting a snapshot of ARC funding to the HASS sector in the digital domain.

Charlotte Moar – UTS

As we navigate online global environments that increasingly advocate open access and sharing of information and data, questions are emerging about the recognition of Indigenous knowledge in research, and the publication of research that incorporates this knowledge in the digital domain. Established in 2008 by UTS, the Aboriginal and Torre Strait Islander Data Archive (ATSIDA) provides a digital repository for research data relating to the Indigenous peoples of Australia. The data concerns the languages and culture, society and all other aspects of the Indigenous peoples including traditional knowledge and, sometimes, sacred/secret information. ATSIDA provides best practice frameworks and references for ensuring the ethical collection, management and sharing of research data about Indigenous people for secondary use and analysis, and importantly, for this research to be made available to Indigenous communities. This presentation will highlight these issues of importance in managing ATSIDA's research datasets as we respond to an environment where Indigenous research data, Indigenous knowledge and cultural protocols intersect with the digital domain and open data futures.

Associate Professor Nick Thieberger – University of Melbourne

Citing primary data, the critical role of repositories in building FAIR and verifiable research: the case of the Pacific and Regional Archive for Digital Sources in Endangered Cultures (PARADISEC).

Dr Rachel Hendery – Western Sydney University

I will present on a virtual reality platform ('Layered Horizons') designed and developed together with Andrew Burrell from UTS, as part of the Waves of Words ARC Discovery project. The platform allows researchers to layer different kinds of spatially located data onto a geographically embedded datascape, seeing relationships between e.g. archaeological, linguistic, anthropological or other kinds of data for the region of interest. Users interact with and interrogate these datascapes using natural gestures which are picked up by a LEAP Motion device. Time and space can be warped around the user to highlight and emphasise relationships in the data.

11:20 KNOWLEDGE EXCHANGE SESSION 1 —

Infrastructural challenges for large scale digital text corpora

Chair: *Associate Professor Katherine Bode – Australian National University*

Alison Dellit and Julia Hickie — National Library of Australia, Web Archives and Trove 2.0

@nlagovau @TroveAustralia

Alison Dellit is the NLA's Assistant Director General responsible for Trove, the digitisation program and sector collaboration.

Julia Hickie is Assistant Director Trove Data, Discovery and Delivery. She oversees the aggregation of research, cultural heritage, and community collections into Trove. She's also responsible for support of Trove's API users, contributes to the development of the user interface and keeping Trove up to date with data standards. She's currently part of the 2016-2020 Trove Modernisation Program, with her focus on improving search functionality, and making digital collections more findable in Trove.

Trove – Australia's humanities text corpus

As its tenth birthday approaches, Trove is celebrating the hundreds of thousands of ordinary Australians who have investigated their personal, community and national history on the platform. With two thirds of Australia's historical newspaper corpus now digitised and searchable and more added every day, it's a national destination. It's also a hive of activity with the crowd contributing more than $40 million worth of free correction and annotation labour so far, with the goal of improving the corpus for all. The API makes some of this textual data available for re-use and analysis. In March 2019 a far bigger corpus – the Australian Web Archive – was added for the first time. It provides an unprecedented opportunity to access recent history and start to analyse social changes in a different way. The AWA includes more than 5 billion files, covering websites from 1996 through to 2018, the largest corpus of modern history available online. Originally conceived as a service for the general public, Trove has become the solid foundation of thousands of Australian research projects across the academic humanities, arts and social sciences – projects large and small. In 2018 the National Library was funded to participate in the Tinker project's data curation work.

This resulted in the Australian Government Gazettes (1832-1968) – the first data extract from Trove that is specifically for academic researchers. Its content and data structures are well described, the data is openly licenced, its openly available, versioned and citabl. Trove's challenge going forward is in scaling up. The rapidly changing HASS sector demands quality data description and curation, unprecedented access and large volumes for data-intensive research. Those demands go far beyond the needs of the general public and the National Library of Australia's ability to financially support.

Professor Antoine Doucet — University of La Rochelle, France

Antoine Doucet is Professor of Computer Science at the University of La Rochelle. He is Principal Investigator of the NewsEye: a digital investigator for Historical Newspapers funded by the European Union's Horizon 2020 research and innovation programme. Newseye is a research project advancing the state of the art and introducing new concepts, methods and tools for digital humanities by providing enhanced access to historical newspapers for a wide range of users. With the tools and methods created by Newseye, crucial user groups will be able to investigate views and perspectives on historical events and development and, as a consequence, the project will change the way European digital heritage data is (re)searched, accessed, used and analysed.

Professor Michael Haugh FAHA and Dr Simon Musgrave — University of Queensland, Australian National Corpus

Michael Haugh is Professor of Linguistics and Head of the School of Languages and Cultures at the University of Queensland. His research interests lies in pragmatics, conversation analysis, humour studies, and intercultural communication, with a particular focus on the role of language in social interaction. He has a long-standing interest in the ways in which language corpora can be used to advance not only linguistic research, but research across a broad spectrum of the humanities and social sciences. Professor Haugh was elected a Fellow of the Australian Academy of the Humanities in 2017.

www.ausnc.org.au

Towards an Australian Language Data Commons: Lessons from the Australian National Corpus

In this presentation we briefly introduce the Australian National Corpus and how lessons learned in the course of its development might inform current moves to establish an Australian Language Data Commons.

**Associate Professor Antonija Primorac —
University of Rijeka, Croatia**

Antonija Primorac is an Associate Professor of English Studies at the University of Rijeka, Croatia. She is on the Management Committee of the COST Action Distant Reading for European Literary History, within which she also leads the Working Group 'Literary Theory and History'. Antonija is the author of Neo-Victorianism on Screen: Postfeminism and Contemporary Adaptations of Victorian Women (Palgrave Macmillan 2018) and co-editor of the 2015 special issue of Neo-Victorian Studies entitled Neo-Victorianism and Globalisation: Transnational Dissemination of Nineteenth-Century Cultural Texts. She has published on adaptation, nineteenth-century literature, neo-Victorianism, postcolonial and Canadian studies, feminist theory, and literature in translation. Antonija has taught at the Universities of Zagreb and Split in Croatia and at University College London's School for Slavonic and East European Studies. She has been a recipient of several research awards, including a visiting fellowship at the Institute of English Studies, University of London, a Fulbright Scholarship at New York University, and a Chevening Scholarship at the University of Oxford.

14:20 LIGHTNING TALKS 2

Chair: *Paul Wong, ARDC*

Dr Chao Sun – University of Sydney

The definition of digital humanities (DH) has been discussed and showcased in many various ways. With different purposes and approaches, it can be as simple as word counting in larger scale of corpus, or as complex as big data/AI driven society analysis. In my opinion, DH is all about adopting available technology and forming effective methods that solve humanities problems. The current DH is essentially just humanities of the future when every humanist utilises these currently advanced methods. As a DH practitioner and data scientist, I would like to talk about the common road blocks in the collaborations between computer scientists and HASS researchers, and what should a digital humanist be aware of for better collaborative outcomes.

Dr TullyBarnett – Flinders University

The future of the textual record is almost entirely digital, yet the approach we take to digitization is short-term, distributed, under resourced and disconnected from research. As the foundations for a new digital textual era are cemented, we need to ask how we envisage the future of the textual record. This presentation reports on a new project looking at digitization as a cultural practice that will consider how the digitization projects have developed, conduct a series of close readings of the platforms and infrastructures that house it, and investigate the lived experience of practitioners, end-users, volunteers, policy makers, and researchers.

Ian McCrabb

READ Workbench is a self-service portal which supports the integration and management of researchers, resources, tools and processes in the collaborative development of textual corpora. Workbench delivers philological research capability, configured for individual projects, as software as a service; WordPress for philologists. Workbench has been hosted at the University of Sydney since 2016 and supports a range of corpus development collaborations across multiple languages and institutions. The adoption of a TextBase, a single text database, as the fundamental object of development, collaboration and portability addresses the ubiquitous issues with a conventional centralized approach; confidentiality, ownership, control, support, innovation and standardization.

Dr Julia Miller – ANU

It is the International Year of Indigenous Languages, but for us at the ARC Centre of Excellence for the Dynamics of Language, every day indigenous languages are at the forefront of our work. We recognise the importance of fostering community engagement throughout the lifecycle of the data we collect that forms our corpora and collections. From training language consultants in remote Papuan villages to help collect, transcribe, translate data (narratives, personal histories, etc.), to determining the best way to repatriate previously-collected and archived data to those living in remote Australia. This will be a brief overview of our efforts.

Madelyn Shaw (National Museum of American History, Smithsonian Institution) & Professor Patricia FitzSimons (Griffith University)

Fabric of War is a transnational commodity history exploring the global wool trade and its strategic importance to a century of cold climate warfare. It brings together Trish FitzSimons' background in documentary filmmaking and social history and Madelyn Shaw's expertise in material culture and the textile industry. The project will consist of 1) an online exhibition linking to content in key institutions; 2) an innovative downloadable template/structure for a physical exhibition, adaptable for use around the globe by institutions of many sizes; and 3) a moderated web repository or digital portal that allows others to contribute to this site.

Dr Mahin Raissi – University of Canberra

Online petitions are an important feature of contemporary political engagement in advanced democracies. As such, they have rightly been subject to an increasing volume of scholarly analysis. Yet, there has been only limited attention paid to network analysis of the structure of interactions captured through online petition platforms. In this talk we report on a unique data set covering a five-year period and over 17,000 petitions and 3 million users documenting the development of the Change.org platform in Australia.

15:00 KNOWLEDGE EXCHANGE SESSION 2 —

Geohumanities

Chair: *Alexis Tindall — ARDC*

Professor Hugh Craig FAHA — University of Newcastle

Hugh Craig is Professor Emeritus at the University of Newcastle, Australia. He took up the then new practice of stylometry in the late 1980s and has since published widely in this area, particularly on authorship attribution problems and on stylistic questions in early modern English literature. He has been Deputy Head of the Faculty of Education and Arts at Newcastle, founding Director of the Centre for 21st Century Humanities, President of the Australasian Association for Digital Humanities and Secretary of the Federation of Stylometry Labs. Professor Craig was elected a Fellow of the Australian Academy of the Humanities in 2014.

Time-Layered Cultural Map of Australia

TLCMap is a platform for mapping datasets relating to Australia adapted for the humanities. It targets place-linked and time-linked materials of interest to historians, linguists, literary scholars, and built environment, cultural heritage, image, media and film researchers. This is a twleve-month project funded under the ARC LIEF scheme (LE19010019) and about to start. Partners are UON, UMelb, UTS, Curtin, ECU, UniSA and ThinkPlace Consultants. In the talk I will briefly describe the functionality planned and then highlight the main challenges and the strategies we have come up with to make TLCMap nimble, useful, scalable, powerful, and long-lived. We will develop a minimum viable product within three months of the start in early April 2019 and begin a round of testing and enhancement using test cases supplied by CIs. Functionality will include straightforward instant mapping of datasets provided by users; integration with existing datasets findable through a clearing house; incorporation of time series variables; and the detection and mapping of place names in free text. The aim is to re-use, adapt and connect to existing software wherever possible. In the last quarter of the project we will run workshops on TLCMap in locations round the country.

Dr Patricia Murrieta-Flores — Lancaster University

I am the Co-Director of the Digital Humanities Hub at Lancaster University. My interest lies in the application of technologies for Humanities and my primary research area is the Spatial Humanities. My main focus is the investigation of different aspects of space, place and time using a range of technologies including GIS, NLP, Machine Learning and Corpus Linguistics approaches. I am PI on the Transatlantic Platform (T-AP) funded project 'Digging into Early Colonial Mexico: A large-scale computational analysis of 16th century historical sources', and also collaborator and Co-I in multiple projects funded by the ERC, ESRC, AHRC, HERA, and the Paul Mellon Centre among others. I have edited and contributed to multiple books on Digital Humanities, Cultural Heritage, the use of GIS and other technologies in Archaeology, History, and Literature, and I've multiple outputs exploring theories and methodologies related to the study of space and place.

Geohumanities Working Group at DARIAH

This presentation will provide a general overview of the aims and work of the Geohumanities working group at DARIAH-EU, and by doing so, it will also delve in the complexities to accomplish these. The session will also aim to serve as a point of reflection and further conversation about the challenges that the Spatial Humanities face in general.

Dr Bill Pascoe — University of Newcastle

Bill Pascoe is a Digital Humanist and Research Software Engineer at the University of Newcastle. He is a co-founder of the Centre for 21st Century Humanities and has been a leader and contributor in innovative and high impact DH and eResearch activities, including the Colonial Frontier Massacres map, the EMWRN archive, ELDTA endangered languages, IA stylometry software, Virtual Biobank 3D medical image processing and eWater. He is currently the system architect for Time Layered Cultural Map of Australia.

Colonial Frontier Massacres Map: history, technology, ethics.

The Colonial Frontier Massacre map has generated a great deal of interest in Australia and globally. This presentation will examine and elucidate some emerging potentials and problems arising through the intersection of history, technology and ethics. With the deluge of big data across humanities, arts and culture research, geographic information is offering researchers substantial opportunity to expand traditional methods towards greater knowledge discovery. This presentation will summarise the state of the art in georeferencing, the process that enables the mapping of artefacts to a spatio-temporal footprint.

Dr Michael Rigby — University of Melbourne

@linestring @aurin_org_au

Michael is a spatial scientist with a background in design and engineering, and Acting Deputy Director of the Australian Urban Research Infrastructure Network (AURIN) based at The University of Melbourne. His research interests include multidisciplinary eResearch, understanding users and geographic information science topics of representation, analytics, visualisation and decision making, with a keen eye on the social implications of technology. Michael has lectured in spatial visualisation and analytics, and developed 'geo' for the Tinker platform. He currently performs indigenous data mapping and continuously seeks to unlock current and historical datasets for researchers across Australia.

www.findanexpert.unimelb.edu.au/display/person570358

Friday 29 March 2019

08:50 WELCOME
Chair: *Sally Chambers – DARIAH*

09:00 LIGHTNING TALKS 3
Chair: *Paul Wong, ARDC*

Esther Anatolitis – National Association for the Visual Arts

Cultural data has important stories to tell the nation, but are those stories being heard? How can we harness the most critical, insightful work of arts and humanities researchers to inform the national conversation and influence policy? For over thirty years, NAVA has led policy, advocacy and action for a contemporary arts sector that's ambitious and fair. NAVA recently launched Arts Agenda is a monthly focus on national issues in Australia's contemporary arts. Written exclusively for academics, journalists and policy-makers, Arts Agenda orients current research to current issues to link data and insights to the people best placed to drive informed change. NAVA's Executive Director Esther Anatolitis will outline national advocacy priorities in the contemporary arts to seek collaborations on national advocacy impact.

Professor Veronique Duche FAHA – University of Melbourne

War words: the evolution of Australian English (Veronique Duche, UoM/ Amanda Laugesen, ANU) project examines a corpus of around 170,000 words drawn from Aussie magazine – a trench journal that was first published in 1918 in France, and then, following the war, continued to be published monthly in Australia until December 1931. The aim of this project is to examine, through Aussie, both the transient and lasting impacts that the First World War had on Australian language. This pilot project on Aussie will then be extended to a larger corpus, including letters, diaries and memoirs written during and after the First World War.

https://arts.unimelb.edu.au/research/digital-studio/projects/graduate-internship/2018-internship-projects/war-words

Dr Deborah van der Plaat – University of Queensland

The Digital Archive of Queensland Architecture (qldarch.net) is an online, multimedia database that is accessible to public. An outcome of a ARC Linkage project, this talk will briefly consider some of the research tools built specifically for this database and the new types of architectural histories that have the potential to reveal.

Kathryn Wells – ANU

For Indigenous participants in a PhD history thesis; there are three key aspects about culture data management that have emerged in order to create and add to the archive. The thesis project, about Indigenous public song, swing and survival, will map specific musicians, songs and their global intersections 1920s-1990s. Various reasons for Indigenous participation realise a common aspect of desire for collaboration, authorship and media production. However to tell stories using materials from newly created local archives needs clear established memorandums of understanding between communities and institutions. Seeking funding will be essential for time and resource allocation to ensure foolproof methods of data retention and access.

Dr Michael Walsh – University of Sydney

The largest Aboriginal territory in New South Wales is the Wiradjuri. The intention of the project is to create a large-scale map of Aboriginal placenames in Wiradjuri territory [central NSW], underpinned by a digital database. The existing documentation of Wiradjuri placenames is extensive but scattered. This project will bring together disparate sources of toponymic information and contribute to Wiradjuri language teaching and learning. This involves at least 5000 learners at around 30 schools; TAFE and university (e.g. CSU Wagga). The project has been project endorsed by the Wiradjuri Condoblin Corporation in association with the Wiradjuri Language Reference Committee.

Professor Jean Burgess — Director, Digital Media Research Centre, Queensland University of Technology

@jeanburgess @qutdmrc

Digital methods in the QUT Digital Media Research Centre

The QUT Digital Media Research Centre uses computational, qualitative and hybrid approaches to map, critique, and provide public oversight of digital media, culture and society. In doing so, we draw on a range of data collection and analysis methods, including via the QUT Digital Observatory, which enables close to real time and historical analysis of Australian social media data. This presentation will involve a series of project snapshots projects ranging from large-scale mapping of the Australian Twittersphere through to the forensic analysis of YouTube's platform governance practices and the close qualitative analysis of controversies.

Sally Chambers, Digital Humanities Research Coordinator, Ghent Centre for Digital Humanities, DARIAH — DARIAH Working Groups

Professor Melanie Swalwell — Swinburne University

Melanie Swalwell is a scholar of digital media arts, cultures, and histories and Professor of Digital Media Heritage at Swinburne University of Technology. Widely published in the nascent field of digital game history, Melanie's research is also concerned with the preservation of complex digital heritage artefacts such as videogames and media artworks: their creation, use, preservation, and legacy. Melanie was an ARC Future Fellow, and the Project Leader of the "Play It Again" ARC Linkage Project (2012-15). She currently leads two further Linkage Projects inquiring into the preservation of digital games and media arts.

Game Preservation: A cultural and technical undertaking

Videogames are complex born digital artefacts. But games are also a set of played experiences embedded in wider cultures and communities of use. In this talk, the technical and cultural aspects of game history and preservation are treated as interrelated aspects of game heritage.

Professor Erik Champion —Curtin University

Erik Champion is UNESCO Chair of Cultural Heritage and Visualisation, and Professor at Media Culture and Creative Arts, in the Humanities Faculty of Curtin University. The purpose of the Chair is to promote an integrated system of research, training, information and documentation on virtual heritage sites and facilitate collaboration between high-level, internationally-recognized researchers and teaching staff of Curtin University and other institutions throughout the world. He has received Fulbright and Greece-NZ scholarships, a Distinguished Lecturer Invitation from UC Berkeley, funding from the Danish government and Apple, and facilitated major grants and awards in Europe and America from organisations such as the EU and COST, ERASMUS, European Digital Humanities, Mellon Foundation, Digital Heritage Centre funding (York, Leiden, Uppsala, Aarhus), and the National Endowment for the Humanities (NEH). He was a team leader of Research and Engagement for DARIAH (www.dariah.eu) and project leader of DIGHUMLAB Denmark, a 5-year 30 million DKK national infrastructure project. He writes in the area of game design and virtual heritage, books *include Playing With The Past and Critical Gaming: Interactive History and Virtual Heritage*.

11:30 CONCURRENT WORKSHOPS

Please sign up for your preferred workshop
at the registration desk.

Tinker workbench —

Greg D'Arcy and Associate Professor Tim Sherratt, HASS DeVL

Cultural institutions are making collection data available as machine readable downloads and APIs. But how can researchers explore the shape and meaning of this data? How do they know what types of questions they can ask? Jupyter notebooks can bridge the gap between between humanities researchers and data by providing starting points and examples. Notebooks combine explanatory text with live, working code, enabling researchers to see the data in action. As researchers gain confidence and knowledge they build on the examples to pursue their own questions. Using platforms like Tinker Studio, SWAN, and Binder, Jupyter notebooks can be run in the cloud, without any need to install special software. This makes them ideal for skills development, demonstrations, and exploration. In this workshop we'll examine some of the possibilities of Jupyter notebooks using live data from Trove and elsewhere.

Libraries as Labs network —

Sally Chambers, Digital Humanities Research Coordinator, Ghent Centre for Digital Humanities, DARIAH

Libraries and other GLAM organisations (galleries, libraries, archives, museums) around the world are developing 'labs' as a way of providing broad digital access to collections, fostering new research methodologies and relationships, and generally redefining modes of engagement with, and value and use of cultural collections. In this workshop Sally Chambers, DARIAH, will share learnings from two recent European Libraries as Labs events in London and Copenhagen, update us on the emerging network, and local lab initiatives will discuss their experiences, opportunities and challenges. All welcome, including those that work with collections, researchers and anyone interested in new ways of exploring GLAM collections.

14:00 WAY FORWARD