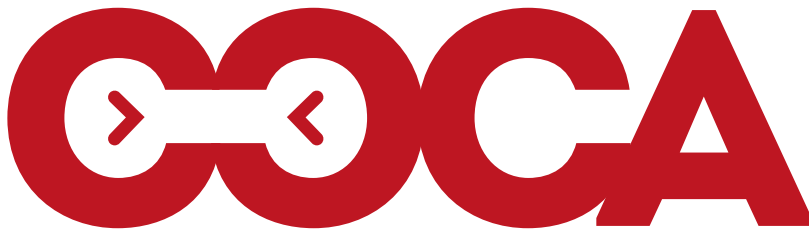


INTERNATIONAL CONFERENCE



# CULTURAL COMPLEXITY AND COMPUTATIONAL APPROACHES

Toward a Systemic and Critical  
Understanding of Cultural Ecosystems

30 June, 1-2 July 2026 MÁLAGA, SPAIN



<https://tinyurl.com/ccca-conference>



COMPLEXHIBIT



UNIVERSIDAD  
DE MÁLAGA



iArtHis\_lab

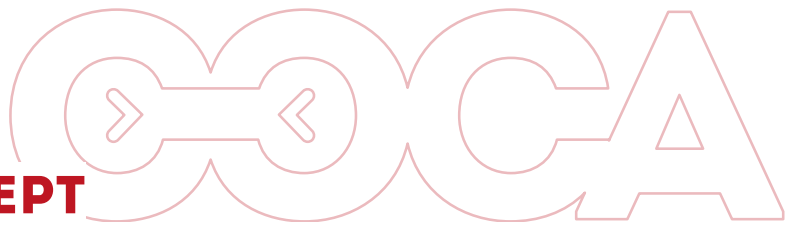
CÁTEDRA<sup>5G</sup>  
Telefónica UMA



MÁLAGA  
ESPACIO  
EXPOSITIVO  
TABACALERA

COLECCIÓN  
DEL  
MUSEO  
RUSO





## CONFERENCE CONCEPT

Complexity is a general property of cultural systems across historical periods. Cultural life has long unfolded through dense interdependencies among institutions and patronage regimes, media and material infrastructures, markets and circuits of exchange, publics and interpretive communities, and the norms and policies that govern cultural legitimacy. Across time—whether in early modern correspondence networks, nineteenth-century print cultures, or today’s platform-mediated environments—these interacting forces constitute cultural ecosystems whose dynamics are non-linear, multi-scalar, and historically stratified. They generate emergent phenomena such as canon formation and marginalization, reputational cascades, diffusion and imitation, cycles of attention, unequal circulation, and durable asymmetries of access and preservation.

DAY 1 — 30TH JUNE	
Time	Session
15:30 – 16:00	<b>Registration</b>
16:00 – 16:30	Institutional <b>greetings</b>
16:30 – 17:00	<b>Analysing the Art Exhibition Domain as a Complex Cultural Ecosystem: Ontology, Knowledge Graph, and Query Applications –</b> Nuria Rodríguez Ortega (University of Málaga) y M. <sup>a</sup> Luisa Díez Platas (International University of La Rioja, UNIR)
17:00 – 17:30	<b>Mapping Cultural Complexity in Networks of Writers Over the Last Three Centuries</b> - Gustavo Ariel Schwartz (Materials Physics Center, CSIC – UPV/EHU; Uni. of the Basque Country, UPV/EHU). <i>20 min talk + 10 min Q&amp;A</i>
17:30 – 18:00	<b>Historical Frames. Interacting with historical change and complexity in cultural heritage ecosystems –</b> Sofia Baroncini (Leibniz Institute of European History, IEG) <i>20 min talk + 10 min Q&amp;A</i>
18:00 – 19:00	<b>Plenary Session   What About Mrs. John Doe? People in Provenance Data –</b> Lynn Rother (Leuphana University) <i>50 min talk + 10 min Q&amp;A</i>
19:00 – 19:30	Wrap-up & end of Day 1

## DAY 2 — JULY 1ST

Time	Session
9:30 – 10:00	<p><b>Mapping the 20th Century Architectural Ecosystem through Journals: a retrospective and prospective reflection on Bidiria</b> – Federico Deambrosis (Politecnico di Milano)</p> <p><i>20 min talk + 10 min Q&amp;A</i></p>
10:00 – 10:30	<p><b>Ten Years After MUSA16: Advances and Challenges in Compiling a Corpus for the Study of Translated Museum Texts</b> – Jorge Leiva Rojo (University of Málaga)</p> <p><i>20 min talk + 10 min Q&amp;A</i></p>
10:30 – 11:00	<p><b>Hotspots, Bypasses, and Semantic Drift: Mapping Cultural Knowledge Through Wikipedia’s Biographical Network</b> - Paschalis Agapitos (Materials Physics Center, CSIC – UPV/EHU), Juan Luis Suárez (CulturePlex Lab, Western University), Gustavo Ariel Schwartz (Materials Physics Center, CSIC – UPV/EHU).</p> <p><i>20 min talk + 10 min Q&amp;A</i></p>
11:00 – 11:20	<b>Coffee break</b>
11:20 – 11:50	<p><b>German Democratic Republic in Context: Reducing the Complexity of Historical Data through Visualization</b> – Linda Freyberg (Research Library for the History of Education, DIPF Leibniz Institute)</p> <p><i>20 min talk + 10 min Q&amp;A</i></p>
11:50 - 12:20	<p><b>«Dense regions of complexity»: Intrinsic Dimension and Neural Geometry of Art-Critical Knowledge in Large Language Models</b> – Ángel M<sup>a</sup> Lumbreras (University of Málaga)</p> <p><i>20 min talk + 10 min Q&amp;A</i></p>
12:20 – 12:40	<p><b>Think Tank Session 1</b></p> <p><i>Open discussion on morning presentations</i></p>
12:40 – 13:40	<p><b>DARIAH / CLARIAH session: European Research Infrastructure Consortia and FAIR Principles</b> – Arturo Montejo-Ráez (University of Jaén)</p>
13:40 – 15:00	<b>Lunch break</b>
15:00 – 15:30	<p><b>Capturing Ephemeral Complexity: A Linked Open Data Approach to Theatre Productions</b> - Vivien Wolter (Trier Centre for Digital Humanities, Trier University)</p> <p><i>20 min talk + 10 min Q&amp;A</i></p>

15:30 – 16:00	<p><b>From Live In Your Head: When Attitudes Become Form to Linked Data: a methodological proposal to describe exhibitions and processual contemporary artworks through the OntoExhibit ontology</b> – Maria Serena Matarrese (Università Cattolica del Sacro Cuore di Milano); Nuria Rodríguez Ortega (University of Málaga)</p> <p><i>20 min talk + 10 min Q&amp;A</i></p>
16:00 – 16:30	<p><b>The Interweavings Between Politics and Culture in Multiplatform Publication Practices of a Right-Wing-Blog: A Russian Example of Whiteness Discourse and How to Investigate its Complexity</b> – Elena Hamidy (University of Giessen)</p> <p><i>20 min talk + 5 min Q&amp;A</i></p>
16:30 – 17:00	<p><b>Constructing the Canon: Museums, Exhibitions and Data Analysis in the Processes of Cultural Legitimation of Pictorial Abstraction</b> – Carmen Padrún Romero (University of Málaga)</p> <p><i>20 min talk + 10 min Q&amp;A</i></p>
17:00 – 17:15	<p><b>Think Tank Session 2</b> <i>Open discussion – afternoon themes</i></p>
17:15 – 17:35	<p><b>Coffee break</b></p>
17:35 – 18:05	<p><b>From complicated models to complex dynamics. The computer simulation of Prehistoric Social Worlds</b> (Universitat Autònoma de Barcelona) [ On Line ]</p> <p><i>20 min talk + 10 min Q&amp;A</i></p>
18:05 – 18:35	<p><b>Computational Hermeneutics of Museum Discourse: Modeling Bias and Interpretive Framing in Curatorial Texts</b> – Mahnoush Pourhosseini Akbarie (Sapienza University of Rome)</p> <p><i>20 min talk + 10 min Q&amp;A</i></p>
18:35 – 19:05	<p><b>Charting Contemporaneity: Pathways through Exhibitions, Museums, and Markets</b> – Clarissa Ricci (University of Bologna)</p> <p><i>20 min talk + 10 min Q&amp;A</i></p>
19:05 – 19:35	<p><b>Exhibition <i>Mise en Place</i>. Gender and Transnationality as Key Variables for Analyzing the Art Ecosystem</b> – Bárbara Romero Ferrón (Leuphana University)</p> <p><i>20 min talk + 10 min Q&amp;A</i></p>
19:35 – 19:50	<p><b>Think Tank Session 3</b> <i>Open discussion – end of day themes</i></p>

## DAY 3 — JULY 2ND

Time	Session
9:30 – 10:00	<p><b>Modeling an Intermedial Ecosystem: A Computational Approach to Gendered Canon Formation in 1930s Madrid</b> – Irene Palencia Mora (National University of Distance Education, UNED)</p> <p><i>20 min talk + 10 min Q&amp;A</i></p>
10:00 – 10:30	<p><b>Modeling Visual Complexity in Performance Photography: Period, Venue, and Photographic Mediation at the Festival d'Avignon</b> – Giacomo Alliata (Université Rennes 2)</p> <p><i>20 min talk + 10 min Q&amp;A</i></p>
10:30 – 11:00	<p><b>Fragile Networks: Latent Comprehension and the Hermeneutics of LLM-Based Citation Extraction in Art History</b> – Andrea Alfarano, Eduardo Trabattoni, Dario Negueruela del Castillo (University of Zurich, UZH)</p> <p><i>20 min talk + 10 min Q&amp;A</i></p>
11:00 – 11:20	Coffee break
11:20 – 11:50	<p><b>The Order of Indeterminacy: Complexity, Uncertainty, and the Black Box – The Limits of Modelling</b> – Arantzazu Saratxaga Arregi (Aix-Marseille University)</p> <p><i>20 min talk + 10 min Q&amp;A</i></p>
11:50 – 12:20	<p><b>Regrouping the Avant-Garde: A Multiscalar Network Approach to European Artist Groups (1905–1915)</b> – Teresa Kamencek (CReA Lab; University of Vienn)</p> <p><i>20 min talk + 10 min Q&amp;A</i></p>
12:20 – 12:40	<p><b>From Membrana to Radicular: Building Complexity through Transmedia Narratives</b> – Irene López Lobato (University of Málaga – Telefónica-UMA Chair)</p> <p><i>20 min talk + 10 min Q&amp;A</i></p>
12:40– 13:40	<p><b>Plenary session   The Paradox of Culture: The Impossibility of Mankind and the Possibility of Life. A Complexity Theory Approach</b> – Carlos Eduardo Maldonado (University of El Bosque)</p> <p><i>50 min talk + 10 min Q&amp;A</i></p>
13:40 – 14:00	<p><b>Think Tank Session 4</b> <i>Final open discussion &amp; synthesis</i></p>
14:00 –	<p>Closing: <b>Interactive Showcase: 'Radicular', an Immersive Experience</b> (Telefónica-UMA Chair y XRC Experiencias Inmersivas)</p>