# 藝術、技術與哲學系列講座暨論壇

Cybernetics，「控制論」或「人機操作論」，不是思想史上一個突發的偶然事件，它首先作為一門新的機器學的出現打破了17世紀以來的機械主義。諾伯特・維納在1948年的出版物《控制論：或關於動物與機器的控制和通信的科學》中提出「控制論」，以克服柏格森時間和牛頓時間的對立：前者是生物性的、創造性的和不可逆轉的，後者是機械性的、重復的和可逆轉的。再且，「控制論」作為一門普遍性的學科，能夠統一所有其他的科學學科，隨後也涵括了社會科學。這在尼克拉斯・盧曼、海因茨・馮・福斯特、溫貝托・曼圖拉納和弗朗西斯科・瓦雷拉的研究中充分體現，被稱為「二階控制論」。第三，「控制論」作為一門哲學，或者更確切地說是西方哲學的最新發展，被馬丁・海德格爾聲稱「控制論」標誌著西方哲學和形而上學的終結或完成。

今天，「控制論」已經被幾乎所有的工程學科、藝術和人文學科所吸收，特別在藝術、媒體研究和技術哲學，因此，它已經實現了所承諾的普遍性。「控制論」的特性和意義仍有待詰疑，而此一詰疑必須超越所謂的「加州意識形態」及其延伸的餘波。麥克盧漢在1970年代的一次采訪中曾說，俄羅斯發射的人造衛星標誌了「自然界」的結束和「生態學」的開始。隨著1960年代從衛星上拍攝到的地球全貌的圖像，「地球」的觀念轉化為一個名副其實的人工產品。巴克敏斯特・富勒意義上的宇宙飛船，也正是在這個轉折點上，標誌人類、自然和技術之間的關係進入了一個新時代。我們生活在前所未有的深層的「控制論」時代。然而，我們仍會不期然的陷入自然和文化的二分法，而沒有完全理解「控制論」的意義和局限。我們現代人，對科學都是酗酒者，沒能從「進步」的反饋中走出來，正如尼采在《快樂的科學》中所描述，現代人對「無限」的追求導致了沒有什麼比無限更可怕的認識。我們需要一種新的「遞歸認識論」。如格雷戈裏・貝特森所倡議的，要重新釐定方案：現代人既然繼承了「控制論」思維，就必須進而克服對它的沈醉。這個新的方案必須從「控制論」出發，而且必須超越「控制論」才能有所成就。

## 21世紀的控制論　Cybernetics For the 21st Century

由廣東時代美術館媒介實驗室、器道哲學與技術研究網絡以及漢雅精舍聯合主辦。本項目由許煜學術策劃，吳建儒統籌，共邀請了八位來自全球不同地域的社會學家、哲學家、科學史學家。他們從不同地域、歷史、社會和哲學角度回顧二十世紀的「控制論」，以及思考「控制論」運動對未來思維的貢獻。

講者包括：
安德魯・皮克林（Andrew Pickering, 英國埃克塞特大學）、凱瑟琳・海勒斯（N.Katherine Hayles, 美國加州大學洛杉磯分校）、斯拉瓦・格羅維奇（Slava Gerovitch，美國麻省理工學院）、布魯娜拉・安東馬裏尼（Brunella Antomarini，意大利羅馬約翰・卡伯特大學）、米卡爾・克裏茲卡維斯基（Michał Krzykawski，波蘭卡托維茲西裏西亞大學）、馬修・特裏克洛特（Mathieu Triclot，法國貝爾福・蒙貝利亞技術大學）、大衛・莫倫（David Maulén

de los Reyes，智利首都科技大學）、原島大輔（Daisuke Harashima，日本東京早稻田大學）。

**聯合主辦：廣東時代美術館媒介實驗室，器道哲學與技術研究網絡，漢雅精舍**

八位學者講座已經上線，並配以中英文字幕，可在以下網站觀看： https://youtube.com/playlist?list=PL_4oTZX7-ML0gxvmivLZea9mnNNxQKI-n

## 線上研討會時間：2023年1月10日與11日 由漢雅精舍舉辦

***21世紀的控制論 研討會之一***
2023年1月10日，北京時間20:00-22:00
主題：「地域與認識論」
對話嘉賓：
安德魯・皮克林 Andrew Pickering
斯拉瓦・格羅維奇 Slava Gerovitch
米卡爾・克裏茲卡維斯基 Michał Krzykawski
大衛・莫倫 David Maulén de los Reyes
研討主持人：許煜 Yuk Hui
**本次論壇以英語舉行，提供中文同聲翻譯，線上參與報名鏈接**
https://us06web.zoom.us/webinar/register/WN_Cy4jlBHoSoWNM85zUzESaQ

***21世紀的控制論 研討會之二***
2023年1月11日，北京時間21:00-23:00
主題：「政治與人工生命」
對話嘉賓：
凱瑟琳・海勒斯 N. Kathetine Hayles
布魯娜拉・安東馬裏尼 Brunella Antomarini
原島大輔 Daisuke Harashima
研討主持人：許煜 Yuk Hui
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## 演講嘉賓與主題

**安德魯・皮克林（Andrew Pickering）**
安德魯・皮克林是英國埃克塞特大學社會學與哲學榮譽教授，他是科學技術研究領域的領軍人物，在科學、技術和數學相關的歷史、社會學和哲學方面發表了大量著作。他的著作已經被翻譯為多種語言，包括中文譯本《構建誇克：粒子物理學和社會史》《作為實踐和文化的科學》以及《實踐的沖撞-時間、力量與科學》；他近期的著作包括《控制論大腦：描繪另一種未來》。目前他的研究聚焦於控制論與自然和控制論藝術的關係。
*演講內容，請點擊連結:控制論在英國*

**斯拉瓦・格羅維奇（Slava Gerovitch）**
斯拉瓦・格羅維奇在美國麻省理工學院教授數學史。他擁有兩個博士學位：科學哲學（來自莫斯科自然科學與技術史研究所）和科學與技術的社會和歷史研究（來自麻省理工學院的科學、技術和社會項目）。斯拉瓦教授發表過大量關於蘇聯數學、控制論、宇航學和計算機的歷史的文章，他是《從新話到賽博語言：蘇聯控制論的歷史》（2002）的作者，該書獲得了沃契尼奇書卷獎（Vucinich Book Prize）的榮譽獎，以表彰他在俄羅斯研究領域的傑出專著；他的著作《蘇聯太空計劃的聲音：將蘇聯帶入太空的宇航員、士兵和工程師》以及《蘇聯太空神話：公共形象、私人記憶和文化身份的形成》（2015）獲得了加德納-拉塞爾航空航天歷史文學獎。
*演講內容，請點擊連結:跨文化的控制論：普遍性的在地化*

**米卡爾・克裏茲卡維斯基（Michal Krzykawski）**
米卡爾・克裏茲卡維斯基是波蘭卡托維茲西裏西亞大學哲學副教授，批判性技術研究中心負責人。他的研究圍繞著歐陸科技哲學、批評理論和政治經濟學展開；他對哲學思維、技術和科學在與當前數字化轉型相關的認識論、社會心理和生態問題之間的對話特別感興趣。他是《他者與共者：法國哲學的三十五年》的作者；以及《分叉：不可替代》的聯合作者，該書由哲學家伯納德-斯蒂格勒與InterNation Collective共同編輯（2021）。
*演講內容，請點擊連結:控制論與共產主義：波蘭人民共和國的控制論思想*

**大衛・莫倫（David Maulén de los Reyes）**
大衛・莫倫在智利首都科技大學教授技術史。他的寫作涵蓋了智利和拉丁美洲在社會變革中的藝術、科學、技術之間的關係，為設計、建築、城市規劃和工程等學科項目的回顧性研究發展特定的社會學符號生產方法。他曾策劃第三屆國家美術館雙年展「智利的當代藝術情境」，新加夫列拉・米斯特拉爾藝術中心信息視覺化項目：「第三屆聯合國貿易和發展會議建築物的系譜軌跡UNCTAD III」，並作為區域策展人參與了海外文化研究所（IFA）在卡爾斯魯厄藝術與媒體中心（ZKM）呈現的項目「人人都是包豪斯。一個概念的過去和未來」。他也是《AI與社會》以拉丁美洲的控制論為主題的特刊的共同編輯。
*演講內容，請點擊連結:為什麼控制論在拉丁美洲消失？一條不完整的時間線*

**布魯娜拉・安東馬裏尼（Brunella Antomarini）**
布魯娜拉・安東馬裏尼擁有美學博士學位，現居羅馬，於羅馬約翰・卡伯特大學教授美學和當代哲學。她曾受過當代認識論、美學、人類學和後人類主義的跨學科教育。她目前的研究涉及通過實用主義、控制論和系統理論等不同角度的認識論融合，來分析有機體和追溯機器的共同功能。她近期的出版包括：Le macchine nubili (2020)《作為思想實驗的 Xenobots：自然選擇範式中的目的論》（2022）《不在場的聯系：通向一種賽博觸摸》（20212）《皮爾斯和控制論：未來思維中的追溯、錯誤和自生系統論》《處女機：未出生的女性時代之哲學》（2013）《在錯誤中思考：移動中的知識目標》（2012）。

*演講內容，請點擊連結:萊布尼茨的目的論，或人機操作論的史前史*

**馬修・特裏克洛特（Mathieu Triclot）**
馬修・特裏克洛特在法國貝爾福・蒙貝利亞技術大學教授哲學。他的研究承襲了法國「技術環境哲學傳統」（西蒙東、波恩、斯蒂格勒）。他的第一本著作關註美國控制論以及信息概念的發明（Le moment cybernétique)。自從《電子遊戲的哲學》（Philosophie des jeux vidéo）出版以來，特裏克洛特便開始參與到法語世界的遊戲研究發展進程中，尤其是從「玩」的角度進行研究，集中於對計算機經驗機制對現象學分析。他曾參與過很多相關領域的研究項目，目前關註「技術/美學」的問題，以及遊戲和音樂或舞蹈的類比，尤其聚焦於手勢、計算機程序和圖像之間的關係。近年來，他的研究關註「技術環境」這一概念在設計和工程訓練變革的語境中所能扮演的角色。
*演講內容，請點擊連結:21世紀的控制論？或一階控制論中的信息本體論和政治學*

**原島大輔（Daisuke Harashima）**
原島大輔是早稻田大學未來機器研究所的副研究員。他的寫作和教學主要從基礎信息學和新控制論的角度去討論當代信息社會中的人文和技術，聚焦於作為系統的生物和機器之間的差異，以此來反思現代技術條件，實現以尊重為基礎的生活價值。其已出版著作包括，《批判的語言：媒介理論》(2021，合著)《人工智能時代的自治：為未來重構基礎概念》(2019，合著）《基礎信息學的邊界：人工智能可以有自己的環境嗎？》(2018，合著），以及在Gendai Shiso 和Eureka這兩本期刊上的多篇論文。他也是許煜的著作《遞歸與偶然》(2022)，以及蒂姆・英果爾德（Tim Ingold）的著作《活著》的日文譯者（2022，共同翻譯)。
*演講內容，請點擊連結:生命的內在運作：心靈的控制論（21世紀的控制論）*

**凱瑟琳・海勒斯（N. Katherine Hayles）**
凱瑟琳・海勒斯是加州大學洛杉磯分校傑出英語研究教授，杜克大學詹姆斯 B.杜克文學榮譽教授，她教授和書寫二十世紀和二十一世紀文學、科學和技術之間的關係。她已經出版了十一本著作以及超過一百篇同行評議的文章，她的研究曾獲得包括一次古根海姆獎學金、兩次國家人文學科獎學金、一次洛克菲勒貝拉吉奧駐地獎學金、國家人文中心獎學金、以及一次加州大學校長獎學金在內的多項獎學金。她也是美國藝術與科學院的成員。她的著作曾獲得很多獎項，包括憑借《我們何以成為後人類藝術：文學、信息科學和控制論中的虛擬身體》獲得的勒內・韋勒克最佳文學理論獎（1998-99），以及憑借《書寫機器》獲得的蘇珊妮・蘭格傑出學術獎。她的寫作設計媒介理論、實驗小說、文學以及文化理論、科幻小說以及當代美國小說。她曾獲得兩項教學獎，並曾在普林斯頓大學、芝加哥大學和英國杜倫大學高等研究院等高校擔任批判性探究客座教授。她近期的著作是《後印刷：書籍與計算化》（2021）。
*演講內容，請點擊連結:解毒控制論：從穩態到自創生及其他*

## 主辦機構

**關於媒介實驗室**
廣東時代美術館媒介實驗室於2019年籌備，2021年12月正式成立。目標是思考在技術加速發展的時代，如何以媒介、技術的角度重新思考藝術語言和傳統，發展技術與藝術的新視野，以排演和思辨的方式去實驗數字媒介如何構建新的社會關係和文化想像。

**關於器道哲學與技術研究網絡**

器道哲學與技術研究網絡成立於2014年，旨在從全球和歷史的角度重寫思考哲學與技術之間的關係以及此一關係的未來。網絡聚焦闡述技術思想的多樣性，促進技術與哲學的發展，以及開拓數碼時代的替代性技術。

**關於漢雅精舍**

漢雅精舍成立於2022年，是一個開放的學術思想交流平臺，並促進多元藝術探索。舍址位於香港跑馬地一幢英式排屋建築，建成於1920年，現以老工藝復修原貌，訂於2023年仲春峻工啟用。

# Cybernetics for the 21st Century

## Lectures and Symposia

Cybernetics is not only an ephemeral and contingent event in intellectual history, but rather it meant firstly to be a new science of machines, which breaks away from the mechanism of the 17th century, that is why Norbert Wiener in his 1948 *Cybernetics: or the Control and Communication in Machine and Animals* could claim that cybernetic machines overcome the dichotomy between the biological Bergsonian time and the mechanical Newtonian time; secondly, a universal discipline, it is able to unify all other scientific disciplines, and later also disciplines of the social sciences, demonstrated by the so-called Second Order Cybernetics; thirdly the latest development of Western philosophy, which led to Martin Heidegger's claim that cybernetics marks the end or completion of Western philosophy.

Today cybernetics has already been absorbed in almost all engineering disciplines as well as in art and humanities and realized what it has promised as a universal method. The significance of cybernetics remains to be questioned and taken beyond what has been characterized as control and surveillance. More than ever, we are living in an epoch of cybernetics, however, we still fall prey to the dichotomy of nature and culture without understanding the significance and the limits of cybernetics. Cybernetics brought forward digital earth, where one finds the end of nature and the beginning of ecology. We, moderns, are alcoholics, who failed to get out of the positive feedback of progress, like Nietzsche describes in *Gay Science*, the pursuit of the infinite leads to the realization that nothing is more frightening than the infinite. A new recursive epistemology in the sense of Gregory Bateson, which inherits cybernetic thinking while seeking to overcome its intoxication, is needed for the program of re-orientation.

This research program titled "Cybernetics for the 21st Century" aims to firstly reconstruct the history of cybernetics, from the perspectives of different geographical locations, political projects, and philosophical reflections; and secondly to ask what might be the contribution of the cybernetic movement to the new form of thinking that is urgently needed to understand and reorient our digital earth.

## Cybernetics for the 21st Century Symposia

The first edition of the program consists of eight lectures and two symposia with the presentation of philosophers, historians of science, and sociologists, including Andrew Pickering, Katherine Hayles, Brunella Antomarini, Slava Gerovitch, David Maulén de los Reyes, Michal Krzykawski, Mathieu Triclot, Daisuke Harashima. The program is hosted by Yuk Hui and organized by Jianru Wu.

**Jointly presented by: Media Lab of Guangdong Times Museum, Research Network for Philosophy and Technology, and Hanart Forum**

## Online Symposia: January 10-11, 2023 at Hanart Forum

**Cybernetics for the 21st Century Symposium (I)**
January 10, 8-10pm (GMT+8)
Theme: *Locality and Epistemology*
Guests: Andrew Pickering, Slava Gerovitch, David Maulén de los Reyes, Michal Krzykawski
Host: Yuk Hui
Symposia will be live-streamed with simultaneous translation.
Registration:
https://us06web.zoom.us/webinar/register/WN_Cy4jlBHoSoWNM85zUzESaQ

**Cybernetics for the 21st Century Symposium (II)**
January 11, 9–11pm (GMT+8)
Theme: *Politics and Artificial Life*
Guests: Katherine Hayles, Brunella Antomarini, Daisuke Harashima
Host: Yuk Hui
Symposia will be live-streamed with simultaneous translation.
Registration:
https://us06web.zoom.us/webinar/register/WN_RCBrg9spT_GFu9FVvQqung

Lectures uploaded: October 28th - December 16th, 2022
All eight lectures with both English and Chinese subtitles could be found online:
https://youtube.com/playlist?list=PL_4oTZX7-ML0gxvmivLZea9mnNNxQKI-n

## Speakers and Lectures

**Andrew Pickering**
Andrew Pickering is now Professor Emeritus of sociology and philosophy at the University of Exeter, UK. He has held fellowships at the Institute for Advanced Study at Princeton and the Stanford Center for Advanced Study in the Behavioral Sciences, and universities including MIT, Princeton, and Durham. He is a leading figure in science and technology studies and has published widely on the history, sociology and philosophy of science, technology and mathematics. His writings have been translated into many languages, including Chinese translations of his books *Constructing Quarks: A Sociological History of Particle Physics*, *Science as Practice and Culture and The Mangle of Practice: Time*, *Agency and Science*. His most recent book is The *Cybernetic Brain: Sketches of Another Future*. He is now working on cybernetic relations with nature and cybernetic art.
**Lecture:** ***Cybernetics in Britain***

**Slava Gerovitch**
Slava Gerovitch teaches history of mathematics at the Massachusetts Institute of Technology (MIT). He holds two PhDs: one in philosophy of science (from the Institute for the History of Natural Sciences and Technology in Moscow) and one in history and social study of science and technology (from MIT's Science, Technology and Society Program). He has written extensively on the history of Soviet mathematics, cybernetics, cosmonautics, and computing. He is the author of *From Newspeak to Cyberspeak: A History of Soviet Cybernetics* (MIT, 2002), which won an honorable mention for the Vucinich Book Prize for an outstanding monograph in Russian studies, *Voices of the Soviet Space Program: Cosmonauts, Soldiers, and Engineers Who Took the USSR into Space* (Palgrave Macmillan, 2014), and *Soviet Space Mythologies: Public Images, Private Memories, and the Making of a Cultural Identity* (University of Pittsburgh, 2015), the winner of the Gardner-Lasser Aerospace History Literature Award and a finalist for the Historia Nova Prize for the best book on Russian intellectual and cultural history.
**Lecture:** ***Cybernetics Across Cultures: The Localization of the Universal***

**Michal Krzykawski**
Michał Krzykawski, Associate Professor in philosophy and head of the Centre for Critical Technology Studies at the University of Silesia, Katowice, Poland. His research revolves around continental philosophy of science and technology, critical theory, and political economy. He is particularly interested in a dialogue between philosophical thinking, technology and science in the context of epistemological, psychosocial, and ecological issues related to the current digital transformation. He is the author of T*he Other and the Common*. *Thirty-Five Years of French Philosophy* (2017, in Polish) and co-author of *Bifurcate: There Is no Alternative*, edited by Bernard Stiegler with the Internation Collective (2021).
**Lecture:** ***Cybernetics and Communism: Cybernetic Thinking in the Polish People's Republic***

**David Maulén de los Reyes**

David Maulén de los Reyes teaches history of technology at the Metropolitan Technological University (UTEM). He has written about the relationships between art, science, and technology in Chile and Latin America within the processes of social change, developing a specific methodology of the sociology of symbolic production for the retrospective study of project disciplines such as design, architecture, urban planning, and engineering. He has been the curator of the third Biennial of the National Museum of Fine Arts MNBA "Situation of Chilean Contemporary Art;" the project for the new Gabriela Mistral cultural center, visualization of information "Genealogical Trajectories of Buildings for the 3rd United Nations Conference on Trade and Development UNCTAD III," and the IFA project "Everyone is a Bauhaus. Past and future of a concept," at ZKM. He has contributed to the platform "Is Modernity Our Antiquity?" XII Documenta in Kassel. He was co-editor of the special issue on Cybernetics in Latin America published by *Springer's AI & Society* Journal, research that he has continued developing.

**Lecture:** ***Why Did Cybernetics Disappear in Latin America? An Incomplete Timeline***

**Brunella Antomarini**

Brunella Antomarini teaches Aesthetics and Contemporary philosophy at John Cabot University, Rome. She lives in Rome and has a pluri-disciplinary education in contemporary epistemology, aesthetics, anthropology, and post-humanism. Her current research concerns the analysis of the common functions of the organic body and the retroactive machine through an epistemological convergence of different views, such as pragmatism, cybernetics, and systems theory. Among her recent publications: *Le macchine nubili* (Castelvecchi, Rome, 2020). "The Xenobots as Thought-Experiment: Teleology Within the Paradigm of Natural Selection," (Studi di Estetica No. 23, 2/2022) "Contact in Absentia: Toward a Cybertouch," (The Covid Spectrum. Theoretical and Experiential Reflections from India and Beyond, 2021). *Peirce and Cybernetics: Retroduction, Error and Auto-Poiesis in Future Thinking.* ("Cognitio", São Paulo, 2017). *The Maiden Machine: Philosophy in the Age of the Unborn Woman* (Edgewise, New York, 2013); *Thinking Through Error. The Moving Target of Knowledge* (Lexington Books Lanham, 2012). She is the editor of Yuk Hui's book *Pensare la Contingenza. La rinascita della filosofia dopo la cibernetica* (Rome, Castelvecchi, 2022).

**Lecture:** ***Leibniz' Teleology, or A Pre-history of Cybernetics***

**Mathieu Triclot**

Mathieu Triclot teaches philosophy at the University of Technology of Belfort-Montbéliard, France. His research belongs to the French tradition of "philosophy of technical milieux" (Simondon, Beaune, Stiegler). His first book *Le moment cybernétique* focused on the history of American cybernetics and the invention of the notion of information. Since the publication of *Philosophie des jeux vidéo*, he has participated in the development of game studies in the French-speaking world, notably by defending the perspective of play studies, centered on the phenomenological analysis of the regimes of experience with the computing machine. He has participated in numerous research projects in the field

and is now focusing on the problems of a “techno-aesthetic” and the analogies between games and music or dance, focusing in particular on the relationship between gesture, computer program and image. More recently, his research focuses on the role that the notion of “technical milieux” can play in the context of design and the reform of engineering training.
**Lecture:** ***Cybernetics for the 21st Century? Or Ontology and Politics of Information in the First Cybernetics***

**Daisuke Harashima**
Daisuke Harashima is a research associate of Future Robotics Organization at Waseda University (Tokyo, Japan). He writes and teaches on humanities and technics in contemporary information societies from the perspective of fundamental informatics and new cybernetics, which focuses on the differences between living beings and machines as systems, to reflect on the modern technological condition and to realize new values based on respect for life. His writings are published in books, including *Critical Words: Media Theory* (Filmart, 2021; co-authored, in Japanese), *Autonomy in the Age of Artificial Intelligence: Reconstructing the Basic Concept for the Future* [AI jidai no jiritsusei: Mirai no ishizue to naru gainen wo saikouchiku suru] (Keiso Shobo, 2019; co-authored, in Japanese), *Frontiers of Fundamental Informatics: Can Artificial Intelligence Have Its Umwelt*? [kiso jouhogaku no furonteia: jinkou chinou ha jibun no sekai wo ikirareruka?] (University of Tokyo Press, 2018; co-authored, in Japanese), and in journals including Gendai Shiso and Eureka. He is also the translator of Yuk Hui’s *Recursivity and Contingency* [Saikisei to Guzensei] (Seidosha, 2022; in Japanese) and *Tim Ingold’s Being Alive* [Ikiteirukoto: Ugoku, Shiru, Kijutsusuru] (Sayusha, 2021; co-translated, in Japanese).
**Lecture:** ***Life-in-formation: Cybernetics of Heart (Cybernetics for the 21st Century)***

**N. Katherine Hayles**
N. Katherine Hayles, Distinguished Research Professor of English at the University of California, Los Angeles and the James B. Duke Professor of Literature Emerita at Duke University, teaches and writes on the relations of literature, science and technology in the 20th and 21st centuries. She has published eleven books and over 100 peer-reviewed articles, and her research has been recognized by a Guggenheim Fellowship, two National Endowment for the Humanities Fellowships, a Rockefeller Residential Fellowship at Bellagio, a National Humanities Center Fellowship, and a University of California Presidential Award, among other awards. She is a member of the American Academy of Arts and Sciences. Her books have won numerous awards, including the Rene Wellek Prize for the Best Book in Literary Theory in 1998-99 for *How We Became Posthuman: Virtual Bodies in Cybernetics, Literature, and Informatics*, and the Suzanne Langer Award for Outstanding Scholarship for Writing Machines. She writes on media theory, experimental fiction, literary and cultural theory, science fiction, and contemporary American fiction. She has won two teaching awards, and has held visiting appointments at Princeton, University of Chicago as the Critical Inquiry Visiting Professor, and Institute for Advanced Studies at Durham University UK, among others. Her most recent book is

*Postprint: Books and Becoming Computational* (2021, Columbia UP).
**Lecture:** ***Detoxifying Cybernetics: From Homeostasis to Autopoiesis and Beyond***

## Organizers

About **Media Lab**
Initiated in 2019 and officially established in December 2021, the Media Lab of Guangdong Times Museum is dedicated to contemplating and exploring the languages and traditions of art from the perspective of media and technology in an era of accelerated technological development. It aims to deliver a new vision of art and technology by experimenting with the ways in which digital media build new social relationships and foster cultural imagination through rehearsals and speculations.

About **Research Network for Philosophy and Technology**
The Research Network for Philosophy and Technology was established in 2014 as a project to rethink the relation between philosophy and technology, and the future of this relation from global and historical perspectives. It is first of all an attempt to address the varieties of technological thought, in comparison with and also beyond the dominant Promethean discourses. It also wants to elaborate on and develop further the relevance between non-modern thoughts and modern technologies. These questions are often undermined and ignored in the established academic disciplines on technology and philosophy; this is also the reason for which this network hopes to bring together different points of views and new thinking, based on solid historical research, philosophical speculations and experiments.

About **Hanart Forum**
Hanart Forum was established in 2022 as a discursive platform for contemporary thought, and a site for exploring diverse artistic practices. Hanart Forum is situated in a restored heritage building in Happy Valley, Hong Kong, an Edwardian-colonial style row house that dates from 1920. The site will be ready for projects by mid-spring 2023.