



Asia-Pacific Symposium on Informetrics

November 07 2025

|主辦單位|

輔仁大學圖書資訊學系

國立臺灣大學科研計量研究中心 CSTI

國立臺灣大學計量理論與應用研究中心 CRETA



ASIA-PACIFIC SYMPOSIUM ON INFORMETRIC 2025

系列講座 實體/線上同步



 2025.11.07 (五) 13:40-15:30



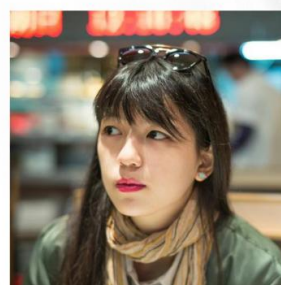
線上：Google Meet 線上會議室

實體：輔大文開樓五樓LE503室

" Tracing Knowledge Diffusion "
Through Citation Contexts:
Pipeline, Dataset, and Applications

Tzu-Kun Hsiao

School of Information Sciences,
University of Illinois Urbana-Champaign



Host



Huei-Ru Dong

Department of Library and Information Science,
Fu Jen Catholic University

掃QR Code報名



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Welcome Letter

Dear Speaker, Honored Guests, and Participants,

On behalf of the Department of Library and Information Science at Fu Jen Catholic University and the Center for Research in Econometric Theory and Applications (CRETA) at National Taiwan University, we are delighted to extend our warmest welcome to all of you at this virtual academic event.

We are truly honored and grateful to host today's speech, featuring a promising emerging scholar in the field. We are particularly encouraged by the virtual presence of many leading scholars and professionals from both academia and industry. Your participation and support are invaluable in fostering the next generation of researchers and making this event possible.

We are pleased to provide this productive online forum for researchers and professors from measurement science-related fields to exchange creative research ideas and discuss the latest industry trends. We are also happy to have this opportunity to bring our departments and center to your attention.

Although we are gathering online today, we sincerely hope this event will spark new ideas and pave the way for future collaborations.

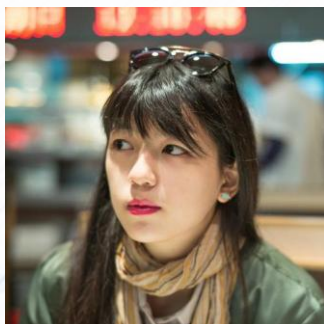
Thank you once again for joining us. We wish you a wonderful and intellectually stimulating session.

Best Regards,



Asia-Pacific Symposium on Informetrics
Department of Library and Information Science, Fu Jen Catholic University
Center for Science and Technology Informetrics, National Taiwan University
Center for Research in Econometric Theory and Applications, National Taiwan University
Date : November. 07, 2025
Host : Huei-Ru Dong (Department of Library and Information Science, Fu Jen Catholic University)
Online: Google Meet Location : LE503, Liberal Enlightenment Hall, FJU
Agenda
13:40~15:30 Keynote Speech: Tzu-Kun Hsiao “Tracing Knowledge Diffusion Through Citation Contexts: Pipeline, Dataset, and Applications”

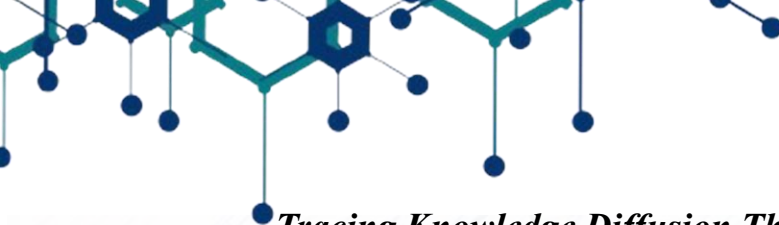
KEYNOTE SPEAKER BIOGRAPHY & ABSTRACT



Tzu-Kun Hsiao

School of Information Sciences at the University of Illinois Urbana-Champaign

Tzu-Kun Hsiao is a doctoral candidate in the School of Information Sciences at the University of Illinois Urbana-Champaign. Her research combines bibliometrics, content analysis, natural language processing, and machine learning to trace knowledge diffusion in scientific literature. She builds scalable pipelines to extract and analyze citation contexts, using them to examine the persistence of retracted science and patterns of knowledge use. Her work has appeared in *Scientific Data*, *Quantitative Science Studies*, *ASIS&T*, and *ISSI*. She has taught courses in data visualization and research impact, and she expects to complete her PhD in April 2026.



Tracing Knowledge Diffusion Through Citation Contexts: Pipeline, Dataset, and Applications

Tzu-Kun Hsiao

School of Information Sciences at the University of Illinois Urbana-Champaign

Abstract

This talk introduces a pipeline for scalable extraction of citation contexts from articles in the PubMed Central Open Access (PMCOA) subset and presents the resulting resource, OpCitance, a large-scale scholarly full-text dataset with citation contexts annotated for two million articles. The talk also demonstrates how citation contexts can enhance bibliometric analyses. Drawing on citation contexts that reference retracted articles, the study examines how retracted articles have been cited in the scientific literature and why retraction does not stop the diffusion of the retracted paper.