

GTM 2020 Virtual Meeting Program

Date: Wednesday, 11/November/2020

Time	Events
<p>Nov. 11: 20:30-21:30 (UTC+8)</p> <p>Nov. 11: 12:30-13:30 (UTC+0)</p> <p>Nov. 11: 07:30-08:30 (UTC-5)</p> <p>Nov. 11: 04:30-05:30 (UTC-8)</p>	<p>Pre-Conference Day Coffee</p> <p>Session Chair: Denise Chiavetta (Conference Co-chairs, Search Technology, United States)</p>
<p>Nov. 11: 21:30-21:50 (UTC+8)</p> <p>Nov. 11: 13:30-13:50 (UTC+0)</p> <p>Nov. 11: 08:30-08:50 (UTC-5)</p> <p>Nov. 11: 05:30-05:50 (UTC-8)</p>	<p>Welcoming</p> <p>Session Chair: Xuefeng Wang, Conference Co-chairs, Beijing Institute of Technology, China</p> <p>Location: Room 1</p> <p>Welcoming Address</p> <p>Alan L. Porter, Conference General Chair, Georgia Institute of Technology, United States</p> <p>Zhaohua Wang, Dean of School of Management and Economics, Beijing Institute of Technology, China</p> <p>Yi Zhang, Conference Program Co-chairs, University of Technology Sydney, Australia</p> <p>GTM 2020 Notification</p> <p>Hongshu Chen, Conference Volunteer Chair, Beijing Institute of Technology, China</p>
<p>Nov. 11: 22:00-23:20 (UTC+8)</p> <p>Nov. 11: 14:00-15:20 (UTC+0)</p> <p>Nov. 11: 09:00-10:20 (UTC-5)</p> <p>Nov. 11: 06:00-07:20 (UTC-8)</p>	<p>Keynote</p> <p>Location: Room 1</p> <p>Session Chair: Jan Youtie (Georgia Institute of Technology)</p>

	<p>Leiden Manifesto: From Inception to Now Diana Hicks, Professor, School of Public Policy, Georgia Institute of Technology, United States</p> <p>Mining U.S.-Chinese Geodata: Seeking leverage for the SDGs Fred Phillips, Professor, University of New Mexico, United States; Editor-in-Chief, Technological Forecasting & Social Change</p>	
<p>Nov. 11: 23:30-00:50 (+1) (UTC+8)</p> <p>Nov. 11: 15:30-16:50 (UTC+0)</p> <p>Nov. 11: 10:30-11:50 (UTC-5)</p> <p>Nov. 11: 07:30-08:50 (UTC-8)</p>	<p>LO 1: Predicting Technological Emergence Location: Room 1 Session Chair: Kevin Boyack (SciTech Strategies, United States)</p> <p>Identification and Prediction of Scientific Breakthrough with Structure Entropy (#52) Haiyu Xu¹, Rui Luo^{2,3}, Shuo Xu⁴, Jos Winnink⁵, Liang Chen⁶, Junmo Cheng¹ 1: Shandong University of Technology, China 2: Chengdu Documentation and Information Center, Chinese Academy of Sciences, China 3: University of Chinese Academy of Sciences, China 4: Beijing University of Technology, China 5: Leiden University, Netherlands 6: Institute of Scientific and Technical Information of China (ISTIC), China</p> <p>Forecasting promising patents. Predicting upcoming bigrams for the case of camera patents (#33)</p>	<p>LO 2: Text Mining Location: Room 2 Session Chair: Bruna Fonesca (Centro de Desenvolvimento Tecnológico em Saúde (CDTS) Fundação Oswaldo Cruz (FIOCRUZ), Brazil)</p> <p>User Profiling in Online Learning Platforms via Deep Neural Networks and Based on Semantic and Syntactic Representations (#41) Tahani Aljohani¹, Alexandra I.Cristea¹ 1: Durham university, United Kingdom</p> <p>Bridging Research on Technological Dynamics: Text Mining of Historical Sources (#39) Frédérique Bone¹, Daniele Rotolo¹, Yuliya Halavachova¹ 1: University of Sussex, United Kingdom</p> <p>Generating a classification for trademark filings - A text mining approach (#26) Peter Neuhäusler¹, Alexander Feidenheimer¹, Rainer</p>

	<p>HuseyinCaferoglu¹, Nils Denter¹, Lukas Jan Aaldering² 1: University of Bremen, Germany 2: University of Munster, Germany</p> <p>A novel topic-based method for identifying breakthrough technology spillovers among patent citations (#14)</p> <p>Sergey Kolesnikov¹, Bixuan Sun², Anna Goldstein^{3,4}, Gabriel Chan² 1: University of Cambridge, United Kingdom 2: University of Minnesota, United States 3: University of Massachusetts-Amherst, United States 4: Harvard University, United States</p>	<p>Frietsch¹ 1: Fraunhofer-Institut für System- und Innovationsforschung ISI, Germany</p> <p>Bridging trends and science: Cluster analysis for topic extraction within the circular economy (#22)</p> <p>Philipp Baaden¹, Michael Wustmans¹, Marcus John², Stefanie Bröring¹ 1: University of Bonn, Germany 2: Fraunhofer Institute for Technological Trend Analysis INT, Germany</p>
<p>Nov. 12: 1:00-4:00 (UTC+8) Nov. 11: 17:00-20:00 (UTC+0) Nov. 11: 12:00-15:00 (UTC-5) Nov. 11: 09:00-12:00 (UTC-8)</p>	<p>Virtual Networking Sessions in Whova</p>	<p>Power Talk Poster Session Location: Virtual Poster Room</p> <p>Exploring Interdisciplinary of Science Projects from the Perspective of Papers Xue Zhang, Chengdu Library and Information Center, Chinese Academy of Sciences</p> <p>Does Topical Novelty lead to Technological Impact? Liyuan Hao, Beijing university of technology</p> <p>Developmental Trajectory Discovery of Weak Signals with Intermediacy Congcong Wang, Beijing University of Technology</p>

Tracking and Predicting Interdisciplinary topic evolution: an empirical study of blockchain field

Yahui Song, Beijing Institute of Technology

Socio-Psychological Characteristics and Mechanisms of Innovation Intermediaries: Evidence from Hyperlinks and Twitter Data Analysis

Babajide Owoyele, Hasso Plattner Institute- HPI
Stanford Design Thinking Research Programme

Innovation ecosystem of smart manufacturing : dynamics of technological emergence and application

Shanglun Huang, National Chiao Tung University

Global M&A Strategies in Life Science sector

Shanglun Huang, National Chiao Tung University

Emergence of Global AIOT innovation ecosystem (2000-2019)

Tsung Yu Chen, National Chiao Tung University

The Emergence of Global Blockchain Innovation Networks and Technological Application

Shashank Maurya, National Tsing Hua University

**Innovation ecosystem of Precision Medicine :
dynamics of technological emergence and
application**

Sheng-hsin Huang, National Chiao Tung University

**Technology Convergence and Business Models
Transformation: An Empirical Study of Internet of
Things**

Pakaporn Kuanwinij, National Chiao Tung University

Date: Thursday, 12/November/2020

Time	Events	
<p>Nov.12: 17:00-17:40 (UTC+8) Nov. 12: 09:00-09:40 (UTC+0) Nov. 12: 04:00-04:40 (UTC-5) Nov. 12: 01:00- 01:40 (UTC-8)</p>	<p>Pre-Conference Day Coffee</p>	
<p>Nov.12: 17:40-18:30 (UTC+8) Nov. 12: 09:40-10:30 (UTC+0) Nov. 12: 04:40-05:30 (UTC-5) Nov. 12: 01:40- 02:30 (UTC-8)</p>	<p>SO 1: Medical Informatics Location: Room 1 Session Chair: Seokbeom Kwon (University of Tokyo, Japan)</p> <p>Categorization of COVID-19 articles using word embeddings and topic models (#72) José Antonio Espinosa-Melchor¹, Jerónimo Arenas-García¹ 1: University Carlos III of Madrid (UC3M), Spain</p> <p>Mapping Knowledge of Wastewater-Based Epidemiology Research on Bibliometric Analysis (#61) Ying Zheng¹ 1: Chengdu Library and Information Center, Chinese Academy of Sciences, China</p> <p>Identifying Potential Disruptive Technologies from</p>	<p>SO 2: Science & Technology Evaluation Location: Room 2 Session Chair: Ozcan Saritas (National Research University, Higher School of Economics, Russia)</p> <p>Delineating Knowledge Domains in Scientific Domains in Scientific Literature using Machine Learning (ML) Techniques (#48) Abhay Maurya¹, Smarajit Paul Choudhury², Kshitij Jaiswal² 1: Mizoram University, India 2: Indian Institute of Technology (BHU), India</p> <p>Domain hierarchical expertise extraction for rising stars finding (#24) Lin Zhu¹, Scott Cunningham² 1: Beijing Institute of Technology, China 2: University of Strathclyde, United Kingdom</p>

	<p>an Alternative Perspective in Biomedical Field (#35)</p> <p>Yali Qiao¹, Xuefeng Wang¹ 1: Beijing Institute of Technology, China</p> <p>Mining latent relations between disease and transcription factor based on knowledge graph: a case study on Alzheimer's Disease (#29)</p> <p>Zhengyin Hu¹, Bing Dai², Yi Zhang³, Yanling Zhu⁴, Wenjie Chen¹ 1: Chengdu Library and Information Center, Chinese Academy of Sciences, China 2: University of Chinese Academy of Sciences, China 3: University of Technology Sydney, Australia 4: Guangzhou Institutes of Biomedicine and Health, Chinese Academy of Sciences, China</p>	<p>An improved framework for identifying emerging author keywords (#16)</p> <p>Jinqing Yang¹, Shengzhi Huang¹, Yuhan Wei¹, Zhifeng Liu¹, Lu Wei¹ 1: Wuhan University, China</p> <p>A New Perspective for Evaluating Papers' Influence: Combining Citation Count, Polarity and Purpose (#8)</p> <p>Heng Huang¹, Donghua Zhu¹, Xuefeng Wang¹ 1: Beijing Institute of Technology, China</p>
<p>Nov. 12: 18:40-20:00 (UTC+8)</p> <p>Nov. 12: 10:40-12:00 (UTC+0)</p> <p>Nov. 12: 05:40-07:00 (UTC-5)</p> <p>Nov. 12: 02:40-04:00 (UTC-8)</p>	<p>LO 3: Deep Learning for Tech Mining</p> <p>Location: Room 1</p> <p>Session Chair: Chengzhi Zhang (Nanjing University of Science and Technology, China)</p> <p>On the added value of networked data and graph embeddings over convolutional neural networks for the classification scientific publications (#51)</p> <p>Bart Thijs¹ 1: KU Leuven, Belgium</p> <p>Research on Generating Technology/Function</p>	<p>LO 4: Tech Mining for STIP</p> <p>Location: Room 2</p> <p>Session Chair: Li Tang (Fudan University, China)</p> <p>How does scientific research response to S&T policy? A new insight for evaluating policy impact (#65)</p> <p>Yashan Li¹, Lin Zhang², Ying Huang^{2,3} 1: Hunan University, China 2: Wuhan University, China 3: KU Leuven, Belgium</p>

	<p>Matrix using Deep Learning techniques (#34)</p> <p>Liang Chen¹, Shuo Xu², Zheng Wang¹, Haiyun Xu³</p> <p>1: Institute of Scientific and Technical Information of China, China</p> <p>2: Beijing University of Technology, China</p> <p>3: Chengdu Documentation and Information Center, Chinese Academy of Sciences, China</p> <p>Exploring R&D collaborators based on a doc2vec-based link prediction approach and patent analysis (#27)</p> <p>Byungun Yoon¹, Chaegyung Song¹</p> <p>1: Dongguk University, South Korea</p> <p>Patent Similarity in Neural Models: A Comparative Study (#11)</p> <p>Ting Chen¹, Xiaomei Wang¹, Guopeng Li¹</p> <p>1: Insitutes of science and development, Chinese Academy of Sciences, China</p>	<p>Linking R&D output to SDG's: A community-based approach (#57)</p> <p>Ed Noyons¹, Ismael Rafols¹, Hugo Confraria², Tommaso Ciarli²</p> <p>1: Leiden University, Netherlands</p> <p>2: University of Sussex, United Kingdom</p> <p>Consequences on innovation of the internationalization trend in AI technology diffusion: empirical evidences based on patent citation (#47)</p> <p>Lidan Jiang¹, Jingyan Chen², Fang Zou³</p> <p>1: Beijing University of Posts and Telecommunications, China</p> <p>2: Tsinghua University, China</p> <p>3: Hunan University, China</p> <p>Dynamics of brokerage positions in regional R&D activities: the case of Daegu & Gyeongsangbuk-do Province, South Korea (#38)</p> <p>Nahyun Cho¹, Hyung Jung Yoo¹, Chang Hoon Yang²</p> <p>1: Korea Institute of Science & Technology Evaluation and Planning, South Korea</p> <p>2: Catholic Kwandong University, South Korea</p>
<p>Nov. 12: 20:00-20:10 (UTC+8)</p>	<p>Coffee Break</p>	

<p>Nov. 12: 12:00-12:10 (UTC+0) Nov. 12: 07:00-07:10 (UTC-5) Nov. 12: 04:00-04:10 (UTC-8)</p>		
<p>Nov. 12: 20:10-21:30 (UTC+8) Nov. 12: 12:10-13:30 (UTC+0) Nov. 12: 07:10-08:30 (UTC-5) Nov. 12: 04:10-05:30 (UTC-8)</p>	<p>Keynote Location: Room 1 Session chair: Bart Thijs (KU Leuven, Belgium)</p> <p>Towards a Transdisciplinary Approach for Bibliometrics and Techmining Yuya Kajikawa, Professor, School of Environment and Society, Tokyo Institute of Technology, Japan</p> <p>How to Measure Interdisciplinarity In Research? Opportunities, Limitations and Pitfalls in Bibliometric Approaches Wolfgang Glänzel, Director, Centre for R&D Monitoring (ECOOM), KU Leuven, Belgium; Editor-in-Chief, Scientometrics</p>	
<p>Nov. 12: 21:40-23:00 (UTC+8) Nov. 12: 13:40-15:00 (UTC+0) Nov. 12: 08:40-10:00 (UTC-5) Nov. 12: 05:40-07:00 (UTC-8)</p>	<p>Special Panel: Meet Journal Editors Location: Room 1 Session chair: Scott Cunningham (University of Strathclyde Glasgow, United Kingdom)</p> <p>Tugrul Daim, Editor in Chief, IEEE Transactions on Engineering Management Fred Phillips, Editor-in-Chief, Technological Forecasting & Social Change Wolfgang Glänzel, Editor-in-Chief, Scientometrics Liyang Yang, Deputy Editor, Journal of Data and Information Science</p>	
<p>Nov. 12: 23:10-00:30⁽⁺¹⁾ (UTC+8) Nov. 12: 15:10-16:30 (UTC+0)</p>	<p>LO 5: Advanced Tech Mining 1 Location: Room 1 Session Chair: Alejandro Sanz (SagX.Tech,</p>	<p>LO 6: Advanced Tech Mining 2 Location: Room 2 Session Chair: Christopher Harrison (The Intellectual</p>

<p>Nov. 12: 10:10-11:30 (UTC-5) Nov. 12: 07:10-08:30 (UTC-8)</p>	<p>Netherlands)</p> <p>A multi-source method for the building of player-level scenarios for innovation (#49)</p> <p>Johannes van der Pol^{1,2}, Marina Flamand^{1,2}</p> <p>1: VIA Inno, France 2: University of Bordeaux, France</p> <p>Processing Artificial Intelligence: Highlighting the Canadian Patent Landscape (#42)</p> <p>Sean Martineau¹</p> <p>1: Canadian Intellectual Property Office, Canada</p> <p>ITGInsight -- Discovering and Visualizing Science, Technology and Innovation Information for Generating Competitive Technological Intelligence (#25)</p> <p>Xuefeng Wang¹, Shuo Zhang¹, Yuqin Liu²</p> <p>1: Beijing Institute of Technology, China 2: Beijing Institute of Graphic Communication, China</p> <p>Extracting Solutions and Problems out of patent data with techmining: a case for Alzheimer's drug patenting strategies (#20)</p> <p>Jose M Vicente-Gomila¹</p> <p>1: Universitat Politècnica de València</p>	<p>Property Office, United Kingdom)</p> <p>Technology Opportunities Analysis Based on Predicting Organization-oriented Patent Network (#58)</p> <p>Jing Ma¹</p> <p>1: Shenzhen University, China</p> <p>Exploring funding patterns of interdisciplinary research: A topic-based bibliometric analysis of big data research (#28)</p> <p>Qianqian Jin¹, Hongshu Chen¹</p> <p>1: Beijing Institute of Technology, China</p> <p>Characterizing Milestone Technology: Towards Predicting Milestone Technology at the Embryo Stage (#23)</p> <p>Xiaoli Chen¹</p> <p>1: National Science Library, Chinese Academy of Sciences, China</p> <p>A novel way to measure technological and application oriented novelty in patents (#4)</p> <p>Nils Denter¹, Martin G. Moehrl¹</p> <p>1: University of Bremen, Germany</p>
--	---	--

Date: Friday, 13/November/2020

Time		
<p>Nov 13: 17:00-18:00 (UTC+8)</p> <p>Nov. 13: 09:00-10:00 (UTC+0)</p> <p>Nov. 13: 04:00-05:00 (UTC-5)</p> <p>Nov. 13: 01:00-02:00 (UTC-8)</p>	<p>Pre-Conference Day Coffee</p>	
<p>Nov 13: 18:00-19:00 (UTC+8)</p> <p>Nov. 13: 10:00-11:00 (UTC+0)</p> <p>Nov. 13: 05:00-06:00 (UTC-5)</p> <p>Nov. 13: 02:00-03:00 (UTC-8)</p>	<p>SO 3: Scientific Cooperation</p> <p>Location: Room 1</p> <p>Session Chair: Munan Li (South China University of Technology, China)</p> <p>How does international transportation shape scientific collaboration? Evidence from Sino-US nonstop flights and co-publications (#56)</p> <p>Rong Ni¹, Guangyuan Hu¹</p> <p>1: Shanghai University of Finance and Economics, China</p> <p>The impact of weak, strong and super ties on international scientific cooperation (#55)</p> <p>Junwan Liu¹, Xiaofei Guo¹, Shuo Xu¹, Yueyan Zhang¹</p> <p>1: Beijing University of Technology, China</p> <p>Evolution of Scientific Collaboration in Artificial Intelligence (#54)</p>	<p>SO 4: Topic Modeling & Evolution</p> <p>Location: Room 2</p> <p>Session Chair: Arho Soumien (VTT Technical Research Centre of Finland, Finland)</p> <p>Tracing the evolution of topicality in disciplines: Using the editorial summary of Special Issues (#75)</p> <p>Ruhua Huang¹, Yuting Huang¹, Fan Qi, Leyi Shi</p> <p>1: School of Information Management, Wuhan University, China</p> <p>Validation of Scientific Topic Models using Graph Analysis and Corpus Metadata (#67)</p> <p>Jorge Pereira-Delgado¹, Manuel Vázquez-López¹, Jesús Cid-Sueiro¹, Jerónimo Arenas-García¹</p> <p>1: Universidad Carlos III de Madrid, Spain</p> <p>Detection of Transformative Research Topics under Catastrophe Theory (#9)</p>

	<p>Jing Xu¹, Chuan Tang¹, Lu Tang¹ 1: Chengdu Library and Information Center, Chinese Academy of Sciences, China</p> <p>Research on the evolution of scientific cooperation communities and the growth laws of scientists: A case study in stem cell field (#46)</p> <p>Xin Zhang¹, Haiyun Xu², Yi Wen¹ 1: Chengdu Library and Information Center, Chinese Academy of Sciences, China 2: Shandong University of Technology, China</p> <p>The new innovation cooperation network: Research on the impact of large-scale science and technology infrastructure on Industrial Innovation (#21)</p> <p>Yun Zhao¹, Luyi Chen² 1: Shandong University, China 2: Tsinghua University, China</p>	<p>Haiyun Xu¹, Jos Winnink², Hongshen Pang³, Yue Zeng-Hui⁴, Zhengyin Hu⁵ 1: Shandong University of Technology, China 2: Leiden University, Netherlands 3: Shenzhen University, China 4: Jining Medical University, China 5: Chengdu Documentation and Information Center, Chinese Academy of Sciences, China</p> <p>Chinese Technical Terminology Extraction by Using DC-value and Information Entropy (#2)</p> <p>Weili Zhang¹ 1: Capital University of Economic and Business, China</p> <p>Discovering Topic Evolution Through Dynamic Networks (#1) Lu Huang¹, Fangyan Liu¹, Xingxing Ni¹, Jiarun Liu¹ 1: Beijing Institute of Technology, China</p>
<p>Nov 13: 19:00-19:10 (UTC+8) Nov. 13: 11:00-11:10 (UTC+0) Nov. 13: 06:00-06:10 (UTC-5) Nov. 13: 03:00-03:10 (UTC-8)</p>	<p>Coffee Break</p>	
<p>Nov 13: 19:10-20:10 (UTC+8) Nov. 13: 11:10-12:10 (UTC+0) Nov. 13: 06:10-07:10 (UTC-5)</p>	<p>SO 5: Technology Innovation Location: Room 1 Session Chair: Martin G. Moehrle (University Bremen,</p>	<p>SO 6: Technology Management Location: Room 2 Session Chair: Zhengyin Hu (Chengdu Documentation and Information Center of CAS,</p>

<p>Nov. 13: 03:10-04:10 (UTC-8)</p>	<p>Germany)</p> <p>Mapping AI knowledge innovation ecosystems: A comparison between Canada and UK (#36) Xiaoxu Yue¹, Philip Shapira^{2,3}, Na Lui⁴, Xiao Zhao⁵ 1: Tsinghua University, China 2: University of Manchester, United Kingdom 3: Georgia Institute of Technology, United States 4: Shandong Business and Technology University, China 5: University of Toronto, Canada</p> <p>The Quest of SMEs in Pivoting for New Technological Ventures in Post Catch-up Conditions: Assessing the Collective Endeavor for Science, Cycle Time and Market Development in Seven Cities (#31) Chan Wong¹, Jeffrey Sheu¹, Keun Lee² 1: National Tsing Hua University, Taiwan (China) 2: Seoul National University, South Korea</p> <p>Forecasting technology opportunities using a hybrid approach: the case of blockchain (#19) Keyu Zhou¹, Munan Li¹ 1: South China University of Technology, China</p> <p>Tech mining tools for monitoring new societal and</p>	<p>China)</p> <p>A Data Driven Approach for Emerging Technology and Business Model Identification based on Startup Profiles (#40) Jiao Jiao¹, Mahendra Singh¹, Marian Klobasa¹, Rainer Frietsch¹ 1: Fraunhofer ISI, Germany</p> <p>Identifying the Thematic Structure of Organizational Capabilities in the Project Business (#30) Miika Kumpulainen¹, Marko Seppänen¹, Rainer Breite¹ 1: Tampere University, Finland</p> <p>Characterizing Technological Maturity at The Industry-Specific Component Level: A Custom NPL Approach (#17) Gaizka Garechana¹, Izaskun Álvarez-Meaza¹, Enara Zarrabeitia¹, Rosa Río-Belver¹ 1: University of the Basque Country (UPV/EHU), Spain</p> <p>Forecasting the Patent Citation Trend of Virtual Reality Technology by Autoregressive Moving Average (ARMA) Model (#10) Qing Yang¹ 1: Huazhong University of Science and Technology,</p>
--	---	---

	<p>technology trends that may shape the European future energy demand (#15)</p> <p>Nadezhda Mikova¹ 1: Fraunhofer ISI, Higher School of Economics, Germany</p> <p>Selecting strategic partners for collaborative innovation based on topic analysis and link prediction (#12)</p> <p>Yan Qi¹, Xin Zhang² 1: Institute of Medical Information / Medical Library. CAMS & PUMC, China 2: Chengdu Documentation and Information Center, Chinese Academy of Sciences, China</p>	<p>China</p> <p>Measuring technological speciation candidates for the case of electric drive technology (#7)</p> <p>Huseyin Caferoglu¹, Martin G Moehrle¹ 1: University of Bremen, Germany</p>
<p>Nov 13: 20:10-20:20 (UTC+8) Nov. 13: 12:10-12:20 (UTC+0) Nov. 13: 07:10-07:20 (UTC-5) Nov. 13: 04:10-04:20 (UTC-8)</p>	<p>Coffee Break</p>	
<p>Nov 13: 20:20-21:40 (UTC+8) Nov. 13: 12:20-13:40 (UTC+0) Nov. 13: 07:20-08:40 (UTC-5) Nov. 13: 04:20-05:40 (UTC-8)</p>	<p>Keynote</p> <p>Location: Room 1</p> <p>Session Chair: Philip Shapira (University of Manchester, United Kingdom)</p> <p>The Selection of the Theme of Disruptive Technological Innovation by Integrating Multi-Source Data</p> <p>Xiwen Liu, Vice Director, National Science Library, CAS, China</p> <p>Foresight: Shaping the Future in the Age of Big Data</p> <p>Ozcan Saritas, National Research University, Higher School of Economics, Russia</p>	

<p>Nov 13: 21:40-21:50 (UTC+8)</p> <p>Nov. 13: 13:40-13:50 (UTC+0)</p> <p>Nov. 13: 08:40-08:50 (UTC-5)</p> <p>Nov. 13: 05:40-05:50 (UTC-8)</p>	<p>Coffee Break</p>	
<p>Nov. 13: 21:50-23:10 (UTC+8)</p> <p>Nov. 13: 13:50-15:10 (UTC+0)</p> <p>Nov. 13: 08:50-10:10 (UTC-5)</p> <p>Nov. 13: 05:50-07:10 (UTC-8)</p>	<p>LO 7: Tech Mining for COVID-19</p> <p>Location: Room 1</p> <p>Session Chair: Alan Porter (Georgia Institute of Technology, United States)</p> <p>Tracking and Mining the COVID-19 Research Literature (#76)</p> <p>Alan L. Porter¹</p> <p>1: Search Technology, Inc. United States</p> <p>Topic evolution, disruption and resilience in early COVID-19 research (#32)</p> <p>Yi Zhang¹, Xiaojing Cai², Caroline Fry³, Mengjia Wu¹, Caroline Wagner⁴</p> <p>1: University of Technology Sydney, Australia</p> <p>2: Zhejiang University, China</p> <p>3: University of Hawai'i at Mānoa, United States</p> <p>4: Ohio State University, United States</p> <p>The Search for Clinical Solutions (#73)</p> <p>Robert Ward¹, Jan Youtie¹, Philip Shapira^{1,2}</p>	<p>Special Track: Mapping Innovation Ecosystem : An Introduction to R Routines and Python Packages (#64)</p> <p>Location: Room 2</p> <p>Shihhsin Chen¹, Shang-Lun Huang¹, Duenkai Chen², Tsung-Yu Chen¹, Shashank Maurya³, Jia-Chen Xie¹, Yu Wang¹, Howard Lee¹, Paolo Antnoio Turno¹, Tapanut Janyathitipath¹</p> <p>1: National Chiao Tung University, Taiwan (China)</p> <p>2: TamKang University, Taiwan (China)</p> <p>3: National Tsing Hua University, Taiwan (China)</p> <p>Mapping Innovation Ecosystem: The Analytical Framework Yu Wang, Tsung-Yu Chen, Shashank Maurya</p> <p>An R Routine to Visualize Global IPC Code Maps Duenkai Chen, Shih-Hsin Chen, Jia-Chen Xie</p> <p>An R routine to analyze Global Research Networks at the Individual Level Duenkai Chen, Shih-Hsin Chen, Jia-Chen Xie</p> <p>Mix-methods approaches for studying innovation ecosystem:integrating mapping techniques & python packages Shang-Lun Huang</p>

	<p>1: Georgia Institute of Technology, United States 2: University of Manchester, United Kingdom</p> <p>CORD-19: The COVID-19 Open Research Dataset (#69)</p> <p>Lucy Lu Wang¹, Kyle Lo¹</p> <p>1: Allen Institute for AI, United States</p>	
<p>Nov. 13: 23:10-23:50 (UTC+8)</p> <p>Nov. 13: 15:10-15:50 (UTC+0)</p> <p>Nov. 13: 10:10-10:50 (UTC-5)</p> <p>Nov. 13: 07:10-07:50 (UTC-8)</p>	<p>Closing Remark & Conference Networking Experiences</p> <p>Denise Chiavetta, Conference Co-chairs, Search Technology, United States</p> <p>Ying Huang, Conference Program Co-chairs, KU Leuven (Belgium) & Wuhan University (China)</p>	