

# The 13<sup>th</sup> Annual Global TechMining Conference

## Looking to the Future: Text-Analytics for Evidence-Based Foresight

9-10 November 2023

VIRTUAL EVENT

Abstract Submissions Due

July 15, 2023

The **VP Institute**, together with the **Technology Policy and Assessment Center at the Georgia Institute of Technology** is pleased to announce that the **13<sup>th</sup> Global TechMining Conference (GTM2023)** will take place **November 9 -10, 2023**, “online.”

**Tech mining** is text-oriented analytics that aims to generate practical intelligence from Science, Technology & Innovation (ST&I) information resources – i.e., “Big Data” in various forms. It uses bibliometric and text-mining software (e.g., Derwent Data Analyzer (DDA), VantagePoint) and many other analytical & visualization **tools**.

Tech mining supports **decision making** in ST&I policy & management – e.g., competitive technical intelligence, R&D management, and research evaluation. Expanding and novel data bring both opportunities and challenges. Researchers, analysts, and decision makers need to track ST&I dynamics together with rapidly evolving economic & societal factors, validating the necessity of **evidence-based foresight**.

GTM2023 seeks to bring together ST&I analysts, software specialists, researchers, and managers to advance and adopt text-data-driven solutions as we “**look to the future**”.

We are excited to engage the opportunities a virtual conference platform offers for greater participation diversity and equity! With recordings of livestream video, pre-recorded video, Q&A and discussion boards, etc. accessible beyond the 2-day agenda, we envision an exceptionally thoughtful exchange of knowledge.

Conference topics include and, as we dynamically assemble this third online GTM, will expand upon:

- **Data: Maximizing the potential of traditional and novel data** - e.g.:
  - ST&I + Other data sources (e.g. web scraping, social media, full-text information)
  - Data refining (e.g. enhancing accuracy, disambiguation, natural language processing)
  - Combining data sources (e.g. data mashup analyses, comparison of results from different data sources)
- **Methods: Advancing and integrating methods** - e.g.:
  - Artificial intelligence and machine learning for tech mining
  - Informetrics (e.g. bibliometrics, scientometrics); novel indicators and visualization
  - Predictive analytics and foresight
  - Generativity and modularity of tech mining solutions
- **Applications: Innovative analyses translating to useful intelligence** - e.g.:
  - Analyzing technology dynamics (emergence, maturity, speciation, combination with others) Assessing convergence at the level of science, technology, market or industry

- Analyzing and monitoring interdisciplinary research endeavors
- Revealing the impact of tech mining in management practice and decision-making

The conference program committee invites abstract submissions for the following formats:

1. **Oral Presentation.** Oral presentations (up to 20 minutes) addressing well-advanced research. Oral presentations will be scheduled as livestream video or pre-recorded video and will include moderated Q&A.
2. **Power Talk.** A power talk consists of an abbreviated oral presentation (5 to 8 minutes). A power talk consists of an abbreviated oral presentation (5 to 8 minutes). The intent is to showcase work (can be "in process") in which an early career researcher has led the research, and/or played a significant role in the research. Power Talks will be scheduled as pre-recorded video with a Q&A board.

Abstract format guidelines can be found at <http://www.gtmconference.org/submissions/>.

The working language of the conference is English.

### **Milestone Schedule**

Oral Presentation Submission Deadline – July 15

Author Notifications – September 15

Final Extended Abstracts Due – November 1