
This half-day workshop will take participants through the steps necessary to generate a useful basic research profile using VantagePoint text-mining software. We will cover:

- Searching on a science or technology topic of interest in a major database
- Importing data into VantagePoint
- Data cleaning and consolidation, and
- Basic analyses and visualizations.

We invite you to bring your laptop (or use our computers) to perform these steps. Case data will be provided for hands-on experience.

You will learn how to generate an R&D landscape based on a set of research publication abstract records on a target science or technology topic.

TechMining for FIP 2.0

This half-day workshop presents the Forecasting Innovation Pathways (FIP) process—a 10-step framework to identify promising commercialization routes for New & Emerging Science & Technologies (“NESTs”). As NESTs tend to be less predictable than incremental technology developments, FIP combines Tech Mining and Multi-path mapping to provide usable intelligence for navigating their discontinuous development.

We focus on FIP enhancements inspired by—and addressing as our working case example—“big data analytics.” FIP 2.0 shares current research on improving 5 elements of the FIP process:

- Expanding the data resources used
- Modeling the innovation system more richly
- Depicting >3 innovation pathway options
- Screening those innovation pathways for impact likelihood & magnitude, then conducting Technology Assessment
- Performing options assessment drawing upon crowd-sourcing type means

12:30 - 1:30 PM Lunch Break (hot buffet lunch included)

Advanced Applications of Text Mining with VantagePoint

This half-day workshop will present three advanced text-mining applications for Research Assessment and/or Technology and Innovation Management. We will use VantagePoint and companion software to work an empirical case study to learn by doing:

- Social Network Analyses (SNA) and co-occurrence mapping
- Patent Analytics and patent overlay mapping
- Technical Emergence

Session instructors include, among others:

- Alan L. Porter - Director, Program in Science, Technology, and Innovation Policy, Georgia Tech
- Luciano Kay – Center for Nanotechnology in Society at University of California Santa Barbara (CNS-UCSB)
- Stephen Carley – Enterprise Innovation Institute at Georgia Tech
- Webb Myers – Search Technology

Registration link available at http://www.gtmconference.org/pages/registration.html

Training Workshop Fees

US$110 one session (lunch included)
US$175 two sessions-morning plus afternoon (lunch included)