



MIT CENTER FOR COLLECTIVE INTELLIGENCE

Collaborative Innovation Networks (COINs)

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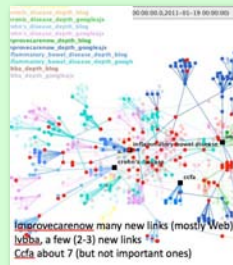
Reto Kleeb

Michael Henninger

research areas of interest

Unit of Observation	Interaction Archives	Research Goals
World	Web/Blog/ Social Networking sites	Predict movie box office success Predict outcome of political elections Predict consumer sentiment
Organization	Intranet/E-Mail/ phone log	Predict project success Predict startup success
Individual	Web/Blog/E-Mail/ phone log/ sociometric badges	Predict personality characteristics Predict team success

Our Expertise:
Dynamic Semantic Social Network Analysis (Software Tool Condor)



Web Portal

Web Analysis & Visualization
People & Concept Network Visualization
Trend Curves
Information Spheres

Condor

In-depth Analysis
Dynamic Visualization
People & Concept Network Analysis

3rd Party

R statistics
SPSS, Matlab
Excel
Ucinet, Pajek SNA
Gephi graph viz

CondorCore

Prediction	Sentiment	SNA	IR	Reputation	Creativity	Export
Regression	Positivity	Betweenness	Lucarne	Decay	COIN detection	Excel
Neural Network	Negativity	Degree	TF-IDF	Temporalize	Clique	MySQL
Genetic Algorithm	Dynamic BoW	Contribution	BNC	DoS	Core/Periphery	PDF
Kalman Filter		Index	Proper Noun	MVP	ART	Txt
SVM		Graph Layout	Information	Templates		

Data Collection

Wikipedia Knowledge

Google/Yahoo/Bing

Crowds

Twitter

Crowds

News/Scholar/Medline

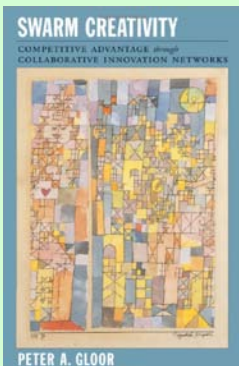
Experts

Forums/Blogs

Swarm

MailCollector

Swarm



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Looking for collaborations in research areas of interest