



イノベーション政策研究会 第35回セミナー

2013年4月26日(金) 16:30～

「Enabling Large-Scale Deliberation About Complex Problems」

Dr. Mark Klein, マサチューセッツ工科大学

◆日時 2013年4月26日(金) 16:30～18:30

◆会場 東京大学工学部2号館 212
http://www.u-tokyo.ac.jp/campusmap/cam01_04_03_j.html

◆参加費 無料

◆概要 「Enabling Large-Scale Deliberation About Complex Problems」

Humanity now finds itself faced with highly complex challenges – ranging from climate change and the spread of disease to product development and scientific collaborations - that require effective decision making with very large and diverse communities that are distributed in time and space.

While social computing tools (e.g. web forums, wikis, email, instant messaging, media sharing sites, social networking, and so on) have created unprecedented opportunities for connecting and sharing on a massive scale, they still fare poorly when applied to decision making with complex controversial problems.

Internet-mediated discussions are instead all-too-often characterized by very poor signal-to-noise ratios, widely varying quality, spotty coverage, scattered content, and other serious weaknesses.

This talk will describe the Deliberatorium: an argumentation system designed to transcend these weaknesses, by helping large groups quickly and systematically enumerate the space of possible solutions.

I will describe the underlying concepts for this project, the results of our evaluations to date, and some promising directions for future work.

◆プログラム

16:30-17:30 「Enabling Large-Scale Deliberation About Complex Problems」

17:30-18:30 質疑応答

◆講師略歴

Dr. Mark Klein (<http://cci.mit.edu/klein/>) is a Principal Research Scientist at the MIT Center for Collective Intelligence, as well as an Affiliate at the MIT Computer Science and AI Lab (CSAIL) and the New England Complex Systems Institute (NECSI). His research draws from such fields as computer science, economics, operations research, and complexity science in order to develop and evaluate computer technologies that enable greater 'collective intelligence' in large groups faced with complex decisions, especially those in the sustainability realm. His current projects are looking at: large-scale on-line deliberation; negotiation protocols for problems with many interdependent issues; knowledge management that integrates virtual reality and social media; and managing 'emergent' dysfunctions in large-scale networked systems. He has also made contributions in the areas of computer-supported conflict management for collaborative design, design rationale capture, business process re-design, exception handling in workflow and multi-agent systems, and service discovery.

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