Visual Analytics Curriculum Workshop
Meeting Agenda
December 15-16, 2008

WORKSHOP GOALS:
1) Identify the knowledge and skills that a visual analytics professional should possess.
2) Establish a starting point for developing educational courses, curricula, and programs in visual analytics
3) Develop an action plan for further curriculum development.

MONDAY, December 15Technology Square Research Building (TSRB) Rooms 113A/B

8:00 am – 8:30 am	*Continental Breakfast*
8:30 – 9:15 am	Welcome and Introductions – Richard Fujimoto (Georgia Tech), John Stasko (Georgia Tech), and Kris Cook (PNNL)
9:15 – 10:15 am	Discussion: Current Experiences and Goals For Visual Analytics Curriculum *Each institution will be asked to spend 5 minutes answering the following questions:* • *Are you currently teaching visual analytics curriculum?* • *If so, describe your current visual analytics curriculum – courses, degree or certificate programs, and high level learning objectives.* • *Describe briefly your goals for visual analytics curriculum at your institution.*
10:15 – 10:30 am	*Morning Break*
10:30 – 11:30 am	Discussion: Characteristics of Graduates in Visual Analytics The goal of this discussion is to identify the important characteristics of a graduate of a visual analytics program. We will identify individuals who represent good examples of the type of graduate we would like to see.
11:30 am – 12:00 noon	The Need for Visual Analytics Education – Dr. Joseph Kielman, Department of Homeland Security Dr. Kielman will describe the business needs that help drive visual analytics education in fields ranging from national and homeland security to business, science, and health.
12:00 noon – 1:15 pm	*Lunch – Georgia Tech College of Computing Holiday Luncheon (Atrium, Klaus Hall)*

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1:15 – 2:45 pm	Breadth and Scope of Visual Analytics The group will review visual analytics taxonomies from the Visual Analytics Digital Library and from the 2008 Visual Analytics Education Workshop to converge upon a high-level taxonomy of knowledge.
2:45 – 3:00 pm	*Afternoon Break*
3:00 – 4:50 pm	Definition of Visual Analytics Topics Starting from the high-level taxonomy we've developed, we will define the major subtopics that comprise each of the high-level topics.
4:50 – 5:00 pm	Wrap Up Items
6:00 – 7:30 pm	*Dinner (local restaurant)*

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TUESDAY, December 16Technology Square Research Building (TSRB) Rooms 113A/B

8:00 am – 8:30 am	*Continental Breakfast*
8:30 – 8:45 am	Review Results of Monday's Activities
8:45 - 10:00 am	Desired Skills for Visual Analytics Graduates We will identify the key skills that visual analytics graduates should possess and activities or techniques that can be used to help them obtain these skills.
10:00 – 10:15 am	*Morning Break*
10:15 am– 12:15 pm	Key Elements of Curriculum Content Based on the discussions thus far, we will identify the key elements to be included in survey courses, certificate programs, and Master's level programs in visual analytics.
12:15 – 1:00 pm	*Lunch*
1:00 – 2:00 pm	Industry Survey One useful next step in defining curriculum content is to survey industry members and government agencies to identify the skills they need in graduates with visual analytics expertise. We will define the types of information that we want to obtain in a survey and identify who we should survey.
2:00 – 2:40 pm	Action Planning We will identify actions and next steps necessary to advance the development of visual analytics curriculum.
2:40 pm – 2:45 pm	Closing Remarks
2:45 pm	Adjourn