

AGENDA FOR VMT WORKSHOP, JUNE 9-11, 2004

JUNE 8 (TUESDAY)

Most people arrive at hotel [Inn at Penn]

6:00-9:00 Social event: reception [Peck Center] — game host Steve

JUNE 9 (WEDNESDAY) [PECK CENTER]

9:00-9:30 Continental breakfast

9:00-10:00 Introductions

10:00-11:00 Online collaborative math problem experience [Korman F111] — taxicab geometry

11:00-12:00 Intro to VMT Project — Steve: history & aims of Math Forum; Wes: research at the Math Forum; Gerry: theory & approach of VMT Project

12:00-1:00 Catered lunch —visiting researchers discussion

1:00-2:00 Presentations on VMT collaborative problems & pedagogy — Annie, Lisa, Ramon: Pow-wow service, learning math online, problem design, collaboration support

2:00-3:00 Participant presentations on collaborative problems & pedagogy — Bob, Chip, Eugene, Geri, Jim, Ricki, Fatos & Santi

3:00-3:15 Coffee break

3:15-5:00 Group/ plenary discussions of collaborative problems & pedagogy

5:00-8:00 Social event: art museum and dinner in groups

JUNE 10 (THURSDAY) [PECK CENTER]

9:00-9:30 Continental breakfast

9:00-11:00 Data session on video of collaborative math — taxicab geometry: Tim, Alan

11:00-12:00 Presentations on VMT software scaffolding & community — Kristina, Ian, Murat: group formation, automated facilitation, recruitment

12:00-1:00 Catered lunch — CSCL journal discussion

1:00-2:00 Participant presentations on software scaffolding & community —Gerardo, Hugo, Jörg, Martin, Stefan, Thomas, Wolfgang

2:00-2:15 Coffee break

2:15-4:00 Group/ plenary discussions of software scaffolding & community

4:00-8:00 Social event: trolley tour, walks, dinner in groups

JUNE 11 (FRIDAY) [INN AT PENN]

9:00-9:30 Continental breakfast

9:00-11:00 Data session on powwow chat logs — sample powwow logs

11:00-12:00 Presentations on VMT research methods — J-W, Nan, Wes

12:00-2:00 Catered lunch — research center discussion

2:00-3:00 Participant presentations on research methods — Alan, Ana, Chris, Cindy, Geri, Johann, Sten, Tim, Victor

3:00-4:45 Closing session: The VMT agenda for the next year

4:45-5:00 Coffee break

5:00-6:00 Formation of working groups

6:00-8:00 Social event: Chinatown banquet

JUNE 12 (SATURDAY)

Most people depart from hotel

11:00-5:00

Informal activity for those staying over [Gerry's home]

VIRTUAL MATH TEAMS PROJECT

DREXEL UNIVERSITY & THE MATH FORUM @ DREXEL

VMT WORKSHOP GOALS

1. To introduce the VMT Project to potential collaborators from outside Drexel.
2. To expand the VMT Project Team to include collaborators from outside Drexel.
3. For distance collaborators and local team to get to know each other better.
4. To begin to form VMT Project Workgroups that will continue to work at a distance,
5. To set the VMT Project Agenda for the next year.

VMT PROJECT WORKGROUPS

1. **Pedagogy of the Powwow service:** How to design math problems that will work well in the online setting and will foster productive problem solving, fruitful discourse, group understanding and deep math insight.
2. **Scaffolding of the Powwow service:** How to attract, motivate and group students into effective online math problem solving teams; how to encourage students to return and to bring friends so that the collaborative community grows and matures. How to design software environments and incorporate pedagogical scaffolding to support fluid collaboration and math exploration.
3. **Researching of the collaboration:** How to formulate research hypotheses, structure experimental conditions, organize and code data, analyze the collaboration and the math problem solving.
4. **Project Coordination.** The different aspects of the project will be coordinated through: the annual workshops, weekly meetings of the local project team, and computer-supported media like the VMT wiki.