Thursday May 7: 8:30-5:30, 750 CEPSR

8: 30 – 9: 00 a.m.  Coffee Reception

9: 00 – 9: 15 a.m.  Workshop Overview Presentation

9: 15 – 11: 15 a.m.  Session 1: Computer-Based Learning for Science and Technology  
(Session Chair, Becky Passonneau)
9:15 – 9:45: Michael Bitz, Digital Comics as a Tool for Transnational Literacy and STEM Learning
9:45 – 10:15: Carolyn Rosé, Scaffolding Communication about Reasoning in Collaborative Groups
10:15 – 10:45: Naomi Hupert, Four projects Two = Vocabulary Two = Writing One = Science (Social Studies)
10:45 – 11:15: Kristy Boyer, Modeling Tutorial Dialogue for Complex Problem Solving

11: 15 – 11: 30 a.m.  Coffee Break

11: 30 a.m. – 1: 00 p.m.  Session 2: Verbal and Domain Literacy (Session Chair, Jim Slotta)
11:30 – 12:00: Dolores Perin, Assessing Text-based Writing of Low-Skilled Community College Students
12:00 – 12:30: Jim Lipuma, Blended Learning + Professional Development = Online Professional Learning Exchange
12:30 – 1:00: Jessica Riccio, Preservice Science Teachers Use of Academic Language: How do New Teachers Identify Language Functions during Lesson Planning and Devise Appropriate Literacy Strategies as Assessments

1: 00 – 2: 00 p.m.  Lunch

2: 00 – 3: 00 p.m.  Session 3: Panel Discussion: Promoting Science Literacy and Verbal Literacy: Carolyn Rosé (moderator), Noel Enyedy, Jessica Riccio, Catherine Snow

3: 00 – 3: 30 p.m.  Coffee Break

3: 30 – 5: 30 pm  Session 4: Argumentation across Disciplines (Session Chair, Nitin Madnani)
3:30 – 4:00: Diane Litman, Argument Mining from Text for Teaching and Assessing Writing
4:00 – 4:30: Susan Goldman, Arguing to Learn in Literary Reading, History, and Science: Similar Words, Different Practices
4:30 – 5:00: Smaranda Muresan, Argumentation Mining for Online Discussions: Challenges and Opportunities
5:00 – 5:30: Marcia Linn, Writing and Revising Scientific Arguments: Design of Effective Guidance

7: 00 – 9: 00 p.m.  Dinner Reception at Pisticci’s Restaurant

Friday May 8: 8:30-5:30
Sessions 5-7 in CEPSR 750; Sessions 8-9 in CEPSR 414
8:30 – 9:00 a.m.  Coffee Reception

9:00 – 10:30 a.m.  Session 5: Evaluation Methods (Session Chair, Dolores Perin)
9:00 – 9:30: Anne Britt, Assessing Students’ Explanations from Science Texts
9:30 – 10:00: Becky Passonneau, A Wise Crowd Approach to Automated Content Assessment
10:00 – 10:30: Beata Beigman Klebanov, Towards Automated Evaluation of Writing along STEM-relevant Dimensions

10:30 – 11:00 a.m.  Coffee Break

11:00 – 12:30 a.m.  Session 6: Science Literacy and Discourse in the Classroom (Session Chair, Kristy Boyer)
11:00 – 11:30: Jennifer Wiley, Improving Comprehension and Metacomprehension of Science Texts
11:30 – 12:00: Deanna Kuhn, What needs to develop in the development of scientific thinking?
12:00 – 12:30: Jim Slotta, Common Knowledge: Supporting Teacher-led Discourse in a Knowledge Community

12:30 – 1:30 p.m.  Lunch

1:30 – 2:30 p.m.  Session 7: Panel: Role of Technology in Analysis of Students’ and Teachers’ Reading and Writing
Jill Burstein (moderator), Brian Baldwin, Mimi Recker, Peter Hastings

2:30 - 3:00 p.m.  Coffee Break (outside of Sindeband, CEPSR 414)

3:00 - 4:00 p.m.  Session 8: Demos on Assessment and Evaluation (Session Chair, Diane Litman)
3:00 – 3:20: Nitin Madnani, Automated Short Answer Scoring
3:40 – 4:00: Keith Millis, Operation ARA (Acquiring Research Acumen)

4:00 – 5:30 p.m.  Session 9: Summing up
Roundtable discussion among all participants, plans for continued activities, whitepaper, idea lab, rotating workshops etc.

Sponsored by the National Science Foundation, IIS-1455533, CAP: Advancing Technology and Practice for Learning Reading and Writing Skills in Secondary Science Education (Rebecca J. Passonneau PI, Dolores Perin co-PI, Smaranda Muresan co-PI)