

PROVISIONAL AGENDA (as of May 16, 2007)
SECOND ADVANCED INTERNATIONAL COLLOQUIUM ON
BUILDING THE SCIENTIFIC MIND

Vancouver, BC, Canada - 28-31 May 2007

Keynote presentations:

- Edgar Morin: *Un nouvel esprit scientifique est-il en formation? / Is a new scientific mindset emerging?*
- Carl Wieman: *Research on how school is nurturing the anti-scientific mind and how this can be changed.*
- Kalina Christoff: *Human thinking: Lessons from Neuroscience.*

Other presentations, workshops and interactive activities involving listed authors and all or part of the BtSM2007 community:

1. Michel Alhadef-Jones: *Scientific Mind, Critical Mind and Complexity: Learning from a scientist's life history*
2. John Scales Avery: *Science for the Long-Term Future*
3. Paul Barach: *The role of the microsystem in enabling scientific development of the clinician's mind and soul*
4. Robert Branson: *Early science exposure*
5. Brian Cantwell Smith: *Title (in domain of 'non-conceptual knowledge' and/or 'transcending the received epistemologies of science') still to be determined*
6. Darrell Cole: *Considering the Pragmatic Mind*
7. Marten DeVries & Jaap Swart: *Media, Minds and Early Education: Toward a scientific mindset*
8. Krista Fogel: *Scientific Creativity in Light of Artistic Spirit: A Literature Review on the Concepts of Intuition and Beauty*
9. Martin Gardiner: *The Arts, Skill Learning and Brain Development: Educating a Scientific Mind*
10. Paul Grobstein: *The Brain as a Story Teller/Story Reviser: Learning/Creating by Doing*
11. Mariela Herrera: *Transdisciplinarity and Curriculum Development: A General Model Proposal*
12. Paul Horwitz: *The Mouse is Mightier than the Keyboard: What can we learn by observing students' use of computer-based models?*
13. Faiza Hussein Abd Alla: *The Right of Pre-school children to developing a Scientific Mind*
14. Dan Laitsch: *Thinking scientifically: An educational approach to systematizing the way we use knowledge*
15. Terrence Keeney: *Nature consciousness*
16. Mara Martin: *Automated Muses. A Semiotic & Phylogenetic Approach*
17. Roy McWeeny, Angel Sanz, & Jan Visser: *For the love of science: Reaching out to the as yet unreached*

18. Carolina Ödman: *Universe Awareness: Inspiring young children with the beautiful universe*
19. Benjamin Olshin: *Scientific Thinking and Modernity Meet Traditional Culture*
20. Ingrid Philibert: *Technology in the Learning Environment: A “Love-Hate” Relationship?*
21. Jason Ravitz & Yusra Laila Visser: *Developing the scientific disposition in formal learning contexts: Applications of project- and problem-centered learning*
22. Roland Schulz & Awneet Sivia: *Developing 'Philosophic' Understanding: Using History, Model-based Reasoning and Epistemology to Reform Science Education*
23. Mohsen Tawfik & Jan Visser: *Threats to Nurturing the Scientific Mind in Today's World*
24. John van Breda: *Towards a Transdisciplinary Hermeneutics: A New Way of Building the Scientific Mind for Learning in the Perspective of Complex and Long-term Change*
25. Jan Visser: *The Scientific Mind: Revisiting the construct*
26. David Vogt & Lee Iverson: *Social Acumen to Resolve Complexity*
27. Anda Zeidmane & Anna Vintere: *The Role of Science Education in Forming Developed Cognitive Skills (DCS)*

Community building activities:

In addition to and overlapping with the above listed keynotes and workshops, interactive talks and further activities proposed by participants, a significant portion of the available time during the four-day event will be used to allow participants to self-organize around specific interests, some of which have already been identified, such as *Project-Based and Problem-Oriented Learning* (led by Yusra Laila Visser), *HealthCare Education* (led by Paul Barach) and *Transdisciplinarity* (led by John van Breda). Other suggestions are still welcome.