

# PROGRAM

*Advanced International Colloquium on  
Building the Scientific Mind  
The Hague, Netherlands, May 17-20, 2005*

Learning Development Institute



## TUESDAY MAY 17

9:00 AM	Registration + welcome coffee/tea	All
	Preparation individual and group displays for Knowledge Café	Everyone who wishes to develop an initiative in the context of the Knowledge Café
10:30 AM	Official opening by host	Louk de La Rive Box, Rector, Institute of Social Studies, followed by brief UNESCO statement by Mohsen Tawfik, Director, UNESCO Delhi
10:45 AM	Introduction to the colloquium by organizer	Jan Visser, President, Learning Development Institute
11:00 AM	Mapping the Scientific Mind	Abraham Zalzman (group process) and Jan Visser (concept mapping). All colloquium attendees participate, working in six groups. At end of session reporting to plenary by selected group. Others comment and complete. Follow-up required: Synthesis by volunteers later in de day.
12:30 PM	Lunch break	All. Lunch takes place in Atrium. Participants are invited to self-organize and use part of the time available for Knowledge Café related exchanges.
1:30 PM	The Scientific Mind as a multifaceted concept	Three plenary interventions, Paul Grobstein (brain and development of the scientific mind); Diana Stirling (ways of thinking in art and science); Matthew Jukes (children's perceptions of health in a developing country context)
2:30 PM	Exploring the Knowledge Café	Opportunity for all to familiarize themselves with all that is available in the Knowledge Café
3:00 PM	Break	Coffee/tea served in Knowledge Café area
3:30 PM	Special interests	Two-hour timeslot for dedicated work on issues of special interest. In some cases these activities have been prepared in the running-up to the colloquium, in other cases they will be self-organized on the basis of participants' interests. Within this context, at least one group works on the synthesis of "Mapping the Scientific Mind."
5:30 PM	Welcome reception hosted by Rector Institute of Social Studies	All participants are invited
7:00 PM	End of Day 1	Participants self-organize for dinner and evening activities.

## WEDNESDAY MAY 18

<b>9:00 AM</b>	The case of symmetry: Can science and art learn from each other?	Leon Lederman - Plenary presentation
<b>9:30 AM</b>	Balancing professionalization and passion	Louk de la Rive Box - Plenary presentation
<b>10:00 AM</b>	Reporting Special Interest Groups	Reporting/Brief presentation by select groups (this includes necessarily result of synthesis of "Mapping the Scientific Mind")
<b>10:30 AM</b>	Break	Coffee/tea served in Knowledge Café area
<b>11:00 AM</b>	Mapping the conditions of growth of the Scientific Mind	Abraham Zalzman (group process) and Jan Visser (concept mapping). All colloquium attendees participate, working in six groups. At end of session reporting to plenary by selected group. Others comment and complete. Follow-up required: Synthesis by volunteers later in de day.
<b>12:30 PM</b>	Lunch break	All. Lunch takes place in Atrium. Participants are invited to self-organize and use part of the time available for Knowledge Café related exchanges.
<b>1:30 PM</b>	Building the Scientific Mind through planned intervention in structured settings	Three plenary interventions, Elise Boltjes (gender and the building of the scientific mind); John Avery (developing the social responsibility of scientists); Yusra Visser (convergence and divergence in children's attitudes toward sciences and science education)
<b>2:30 PM</b>	Special interests (coffee and tea, served in Knowledge Café area, taken while work continues)	Two-hour timeslot for dedicated work on issues of special interest. In some cases these activities have been prepared in the running-up to the colloquium, in other cases they will be self-organized on the basis of participants' interests. Within this context, at least one group works on the synthesis of "Mapping the Factors of Growth of the Scientific Mind."
<b>4:30 PM</b>	Halfway round-up	Assessment of where we stand after two days of work and how we should possibly adjust as we prepare for the third and fourth day of the colloquium.
<b>5:00 PM</b>	Bar open for BtSM participants until 7:00 PM.	All participants are welcome to buy their drinks from the ISS bar, which is open for the benefit of all interested BtSM participants. Jan Visser facilitates a 'Drink Tank' on <i>Ethics and Science</i> for those enticed by the topic.
<b>8:00 PM</b>	Official Colloquium Dinner in Restaurant Surakarta	Colloquium participants will enjoy an opulent 'rijsttafel' buffet dinner at a nearby Indonesian restaurant (included in registration fee).
<b>?:?? PM</b>	End of Day 2	

# THURSDAY MAY 19

<b>9:00 AM</b>	Building the Scientific Mind in loosely structured settings with emphasis on free choice	Four plenary group interventions, Falk/Dierking/Eisenberger/Staveloz (museum setting); McWeeny/Avery/L.Visser/J.Visser/Stirling (For the Love of Science/flexible curriculum design); Perez/DaSilva/Durnford/Negrea/ Swart/DeVries (broadcast media settings); Patarakin/Cavallo/Groenouwe/Siebes (Internet-based settings)
<b>10:30 AM</b>	Break	Coffee/tea served in Knowledge Café area
<b>11:00 AM</b>	Special interests	One-and-a-half-hour timeslot for dedicated work on issues of special interest. In some cases these activities have been prepared in the running-up to the colloquium, in other cases they will be self-organized on the basis of participants' interests. Within this context, at least one group works on the synthesis of "Mapping the Scientific Mind."
<b>12:30 PM</b>	Lunch break	All. Lunch takes place in Atrium. Participants are invited to self-organize and use part of the time available for Knowledge Café related exchanges.
<b>1:30 PM</b>	The Scientific Mind in context: Limits of the scientific mind and competing mindsets	Three plenary interventions, Eric Ross (AIDS, the scientific mindset and the structure of science); Gilles Lavigne (critique of the assumptions underlying the training of scientists for the developing world; Jan Visser (not by science alone)
<b>2:30 PM</b>	The Scientific Mind in context	Plenary debate
<b>3:00 PM</b>	Break	Coffee/tea served in Knowledge Café area
<b>3:30 PM</b>	Reporting Special Interest Groups	Reporting/Brief presentation by select groups (this includes necessarily result of synthesis of "Mapping the Factors of Growth of the Scientific Mind")
<b>4:00 PM</b>	Science, society and community	Federico Mayor - plenary presentation on Science and Society; Ralf Syring - plenary presentation on Science, Mindsets, and Community
<b>5:00 PM</b>	Bar open for BtSM participants until 7:00 PM.	All participants are welcome to buy their drinks from the ISS bar, which is open for the benefit of all interested BtSM participants.
<b>7:00 PM</b>	End of Day 3	Participants self-organize for dinner and evening activities.

## FRIDAY MAY 20 (Knowledge Café area)

<b>9:00 AM</b>	Paradoxes of responsibility and boundary problems	Plenary presentation by Katherine Nielsen
<b>9:20 AM</b>	Science and the world of tomorrow	Group work and plenary debate aiming at generating vision regarding the world we want and the role of science in advancing it
<b>10:30 AM</b>	Break	Coffee/tea served in Knowledge Café area
<b>11:00 AM</b>	Science and the world of tomorrow	Group work and plenary debate aiming at generating vision regarding the world we want and the role of science in advancing it (continued)
<b>12:30 PM</b>	Lunch break	All. Lunch takes place in Atrium. Participants are invited to self-organize and use part of the time available for Knowledge Café related exchanges.
<b>1:30 PM</b>	Summary reporting	Summary reporting and discussion of commitment to follow up
<b>3:00 PM</b>	Closing	Jan Visser (LDI), Louk de la Rive Box (ISS), Mohsen Tawfik (UNESCO)

**NOTE:** Identified special interests: Health (particularly HIV/AIDS) and the Scientific Mind; Building the Scientific Mind in a Developing World; Science Learning Across the Lifespan: Mapping freechoice science learning across a community; Art and Science; Science and Society; Mapping the Scientific Mind and the Conditions of its Growth; Gender and Building the Scientific Mind (to be completed with inputs from participants). A specific interest group will function only if it has a minimum of three participants. If the minimum is not reached, participants representing the specific interest in question will join other groups in which they can inject their concerns.

## LEGEND

	General/Relating to overall organization of the colloquium
	Knowledge Café and informal purposeful interaction
	Concensus building around key conceptual issues
	Plenary sessions providing food for thought
	The scientific mind in action: Work by special interest groups
	Building vision and commitment regarding what to do next