



Investigative Workshop

Neurobiology of Expertise. March 11-13, 2015

Wednesday, March 11

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| 8:15-9:00 | Breakfast at NIMBioS |
| 9:00-9:15 | Introduction to NIMBioS |
| 9:15-9:25 | Welcome from the Organizers |
| 9:25-10:40 | Participant Lightning Talks |
| 10:40-11:00 | Measuring expertise and expert performance 1 <i>Anders Ericsson</i> |
| 11:00-11:15 | Break |
| 11:15-12:30 | Defining Expertise and Expert Performance Discussion |
| 12:30-1:30 | Lunch at NIMBioS |
| 1:30-2:00 | Measuring expertise and expert performance 2 <i>Gregory Appelbaum</i> |
| 2:00-3:30 | Quantifying Expertise and Expert Performance Group Discussion |
| 3:30-3:45 | Break |
| 3:45-5:00 | Wrap-up Discussion |
| 5:00-6:00 | Reception |

*Denotes a session with small group discussions

Thursday, March 12

- 8:15-9:00 Breakfast at NIMBioS
- 9:00-9:45 Recap of Wednesday's Discussions
- 9:45-10:00 Breakout Group Instructions
- 10:00-noon Breakout Groups - Defining the Group's (10+ year) Research Vision*
- Group A: A neurobiological-based definition of expertise and expert performance
- Group B: Micro-Scale approaches to expertise and expert performance (empirical and analytical)
- Group C: Macro-Scale approaches to expertise and expert performance (empirical and analytical)
- Group D: Future of research on expertise and expert performance
- noon-1:00 Lunch
- 1:00-1:40 Report from Breakout Groups (10 mins each)
- 1:40-3:00 Pathways to the Future (Groups A,B,C,D)*
- 3:00-3:15 Break
- 3:15-5:00 Group Reporting and Discussions

Friday, March 13

- 8:15-9:00 Breakfast at NIMBioS
- 9:00-9:30 Recap of first two days
- 9:30-11:00 Next Step Discussion
- 11:00-11:15 Break
- 11:15-12:15 Execution Planning
- 12:15-1:15 Working Lunch and Closing

*Denotes a session with small group discussions