

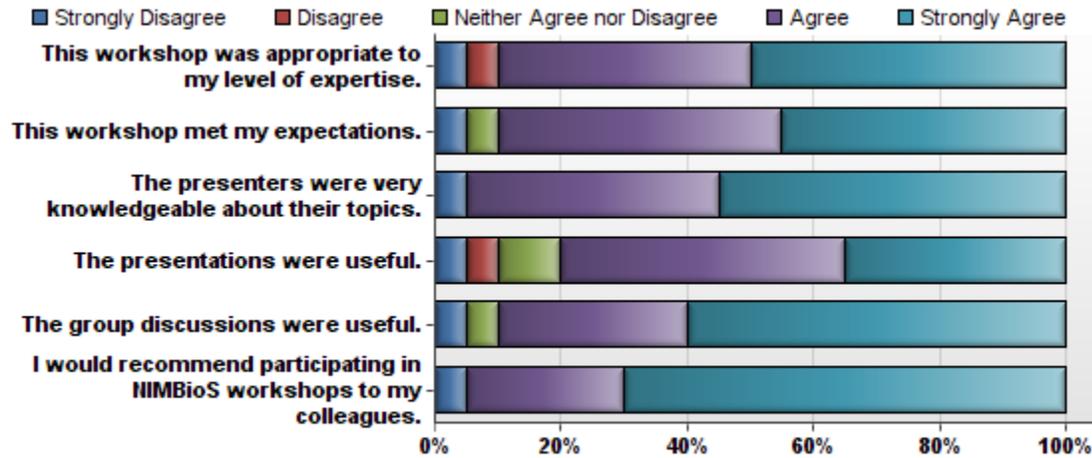


**Evaluation Summary Report**  
Workshop: *Neurobiology of Expertise*

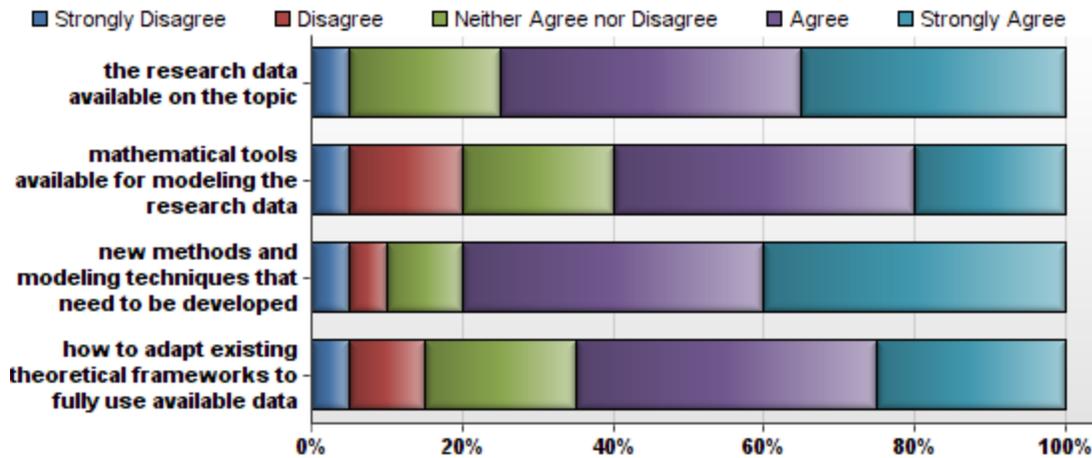
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Please check the appropriate box to indicate your level of agreement with the following statements about this workshop:



As a result of participating in this workshop, I have a better understanding of:



What do you feel was the most useful aspect of the workshop?

*Communications*

*Group discussions*

*Meeting investigators with synergistic interests*

*Network and face-to-face time*

*Having the opportunity to interact intensely on the topic of expertise with a small group of like-minded scientists from different backgrounds. Despite the differences in our approaches, I was struck by the commonalities that exist in terms of the types of problems that we address.*

*Group splitting by affinity of research topics, and the later discussion about all the groups and feedback.*

*Multi-disciplinary interaction*

*The small group discussions focused on specific ways to address the topic (expertise) from a neurobiological perspective.*

*Meeting people that I did not know before*

*Group discussion to develop an actionable project.*

*I found the entire workshop very useful for me to gain a better understanding of this research topic. This is an excellent workshop.*

*Meeting other researchers*

*I met a couple of researchers with whom I have common ground.*

*Learning about the topic from other discipline's view, we were able to go from the macro to micro level, and had very engaging conversations with a plan to move forward.*

*The group discussions were really great for moving forward and finding interesting questions and common ground among lots of different research aims.*

*Gathering researchers with different fields of expertise.*

*The fact that it brought together experimentalists and theoreticians/modelers.*

*The group brainstorming sessions.*

## **What would you change about the workshop?**

*A few more talks/presentations from about the topic that was being discussed.*

*We should have had a math-data-modeling section. We focused on common terminology and available evidence and what is needed in terms of new data, but did not talk enough about modeling and analysis methods*

*Nothing structural. Some of the ideas about the topics could have been a little more refined, but I think that is inherent in the nature of the problem we are approaching*

*Allow everyone to do a five-minute blitz where people present their research that is relevant to the theme of the workshop. Also, present three or four "think" questions for attendees to orient them to the topic prior to the meeting.*

*More introductory lectures in the first day of the workshop.*

*My only advice is to offer low-carb items at all meals and snacks (eggs, cheese, meats, and nuts). It was basically perfect.*

*I would have short presentations on all the different areas with representatives for the meeting, such as brain imaging and electrophysiology*

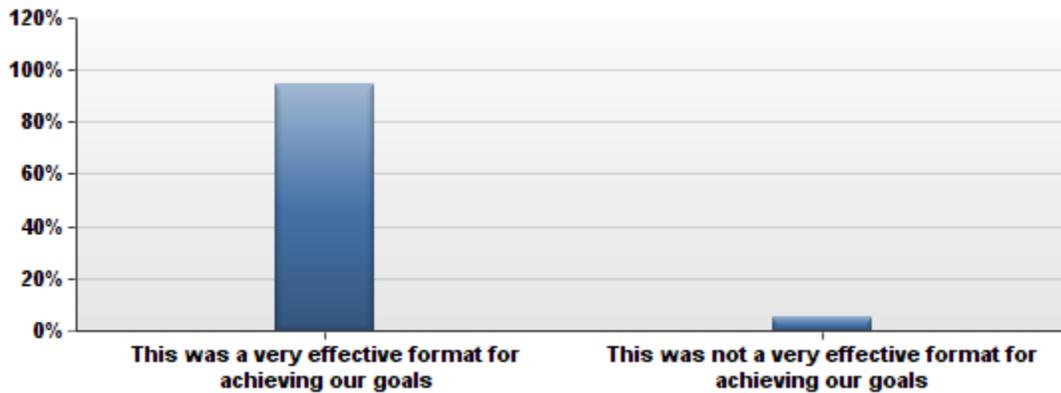
*Having a tangible product be the goal.*

*I hate to admit it, but maybe a bunch of 15-minute talks from the attendees at the start would have helped me realize where everyone was.*

*Assign people to groups randomly.*

*I would increase the number of presentations and make them better targeted to the topic.  
Nothing in particular, I thought it worked well.*

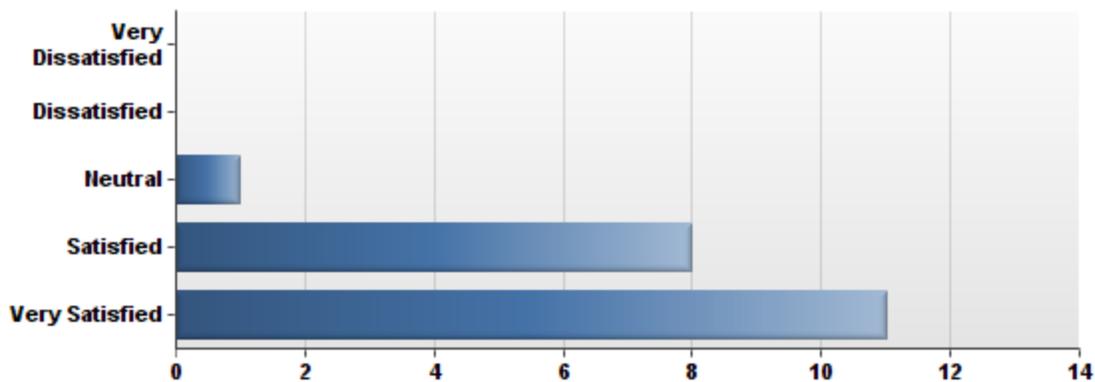
**How do you feel about the format of the workshop?**



**The workshop format would have been more effective if:**

*A few more talks before the discussion.*

**How satisfied were you with the opportunities provided during workshop presentations and discussions to ask questions and/or make comments?**



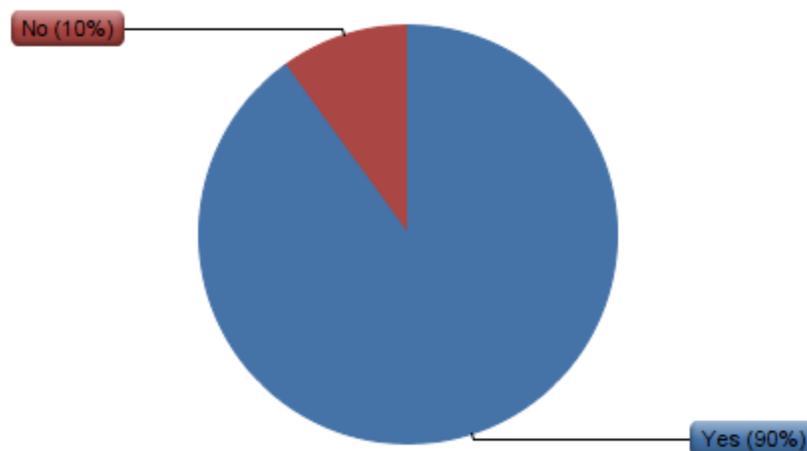
**Please indicate any suggestions you have for facilitating communication among participants during the workshop:**

*Lots of good interaction in this area*

*I liked the small group discussions. The large group discussions were initially interesting and stimulating but tended to meander after awhile.*

*I am very satisfied, no suggestions.*

**Do you feel participating in the workshop helped you better understand the research going on in disciplines other than your own on the workshop's topic?**



**Comments:**

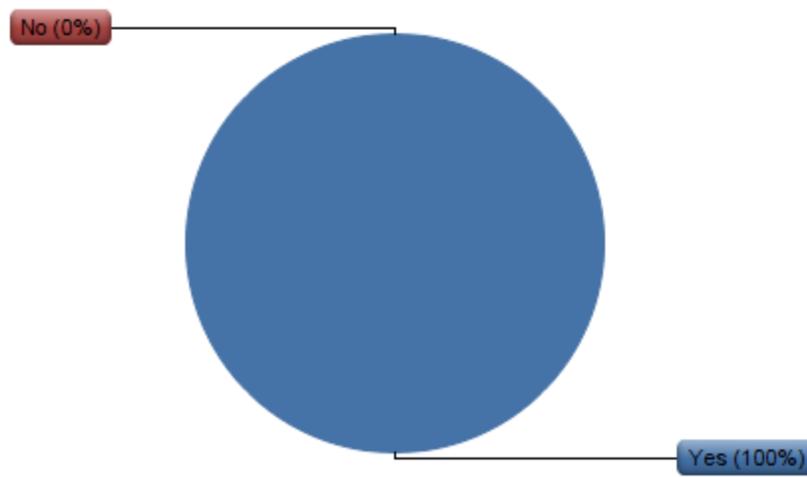
*Fundamentally the science was good, but broad (probably by the nature of the topic and accumulation of expertise). What was incredibly valuable was the opportunity to interact, discuss, and network*

*Through the workshop, I was exposed to new approaches in computational modelling and brain image analysis that will be very useful in future work.*

*The multidisciplinary approach given due to the different fields of expertise from the participants helped a lot to my better understanding.*

*This is a wonderful workshop.*

**Do you feel the workshop made adequate progress toward finding a common language across disciplines for research on the workshop's topic?**



**Comments:**

*This was a pretty diffuse topic, but there was certainly progress*

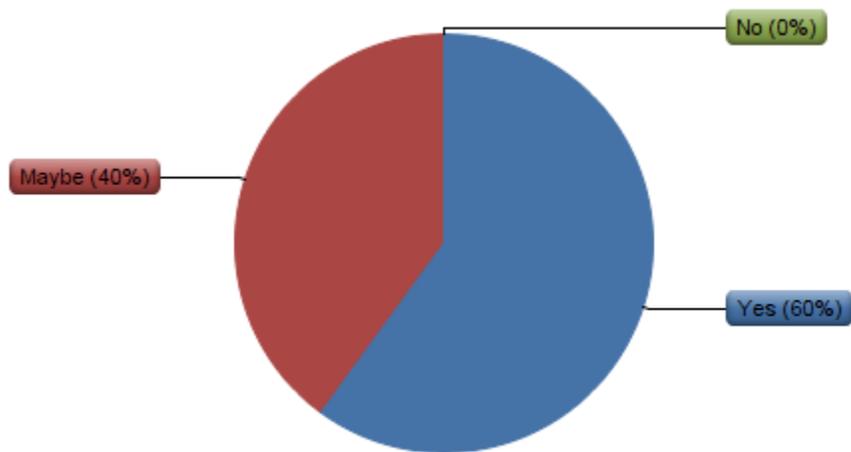
*Yes, the topic Neurobiology of Expertise is very broad and can be defined at multiple scales of analysis with different measures and perspectives. I feel as a group that by the final day, we were moving toward a common framework and shared assumptions.*

*The discussion among groups was very enlightening.*

*It is very collaborative.*

*There were only a couple of talks and a lot of discussion but the discussion tended to be rather dominated by the cognitive psychologists. I think a few talks by methods and experimental types might have given people more material to discuss.*

**Do you feel that the exchange of ideas that took place during the workshop will influence your future research?**



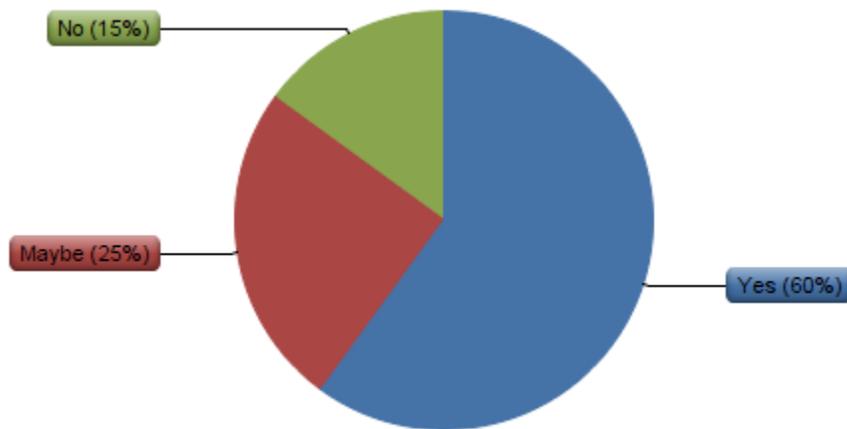
**Comments:**

*As a matter of fact, it was the topic of conversation this morning in a new program that we are developing*

*Yes, I've already begun a collaboration on the modelling of learning trajectories as a result of the workshop.*

*A great place to exchange ideas!*

**Did you develop plans for collaborative research with other workshop participants with whom you had not previously collaborated?**



**Comments:**

*I hope. We are moving in that direction*

*Yes, I was exposed to mathematicians and computer scientists who do machine learning that is directly relevant to my empirical work. I have begun collaborations with two labs as a result of the NIMBioS workshop and we already shared data and program code.*

*We are still evaluating the opportunities we have.*

*Yes, I developed plans for collaborative research with other participants whom I had not previously met.*

**Please use this space for any additional comments:**

*I was impressed and hope to come back with a workshop of my own making, or a follow up from this one.*

*Thank you for the opportunity to participate in the NIMBioS workshop. It was a stimulating scientific experience from which I will reap many benefits in the future. The topic The Neurobiology of Expertise is so broad, but the structure of the workshop allowed us to get focused and productive in an amazing short period of time. It is sometimes difficult to bring together scientists from such a diverse backgrounds, but at the end of the 2 and a half days, many of us developed concrete plans for future research. Special thanks to Chris and Jennifer Spar for making us feel so welcome and to Fred and Virginia for having the vision to propose the workshop to NIMBioS.*

*It was my first time at NIMBioS, and I am completely satisfied with all the effort and work you put in the workshop. Thanks a lot.*

*I had a useful time. The staff were great and NIMBioS is certainly worthy of further support. Strange how when the Government creates something useful it then abandons it. The free market does NOT apply to Science and Academe which are a public good. NIMBioS is a public good - I would hope NSF (of all people) recognize this.*

*This workshop was very valuable to my research! Thank you!*

*Thank you very much for your hospitality.*

*I enjoyed the visit.*