

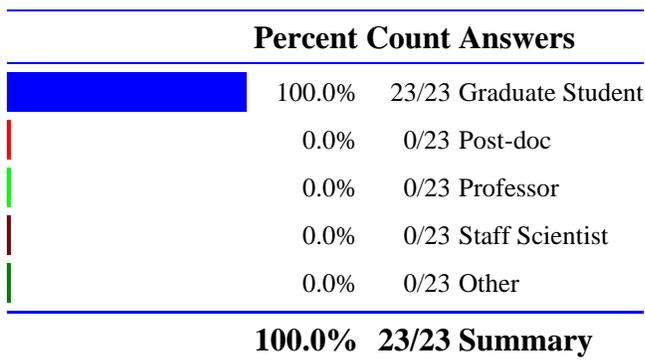
# NIST Center for Neutron Research (NCNR)

## Live Report

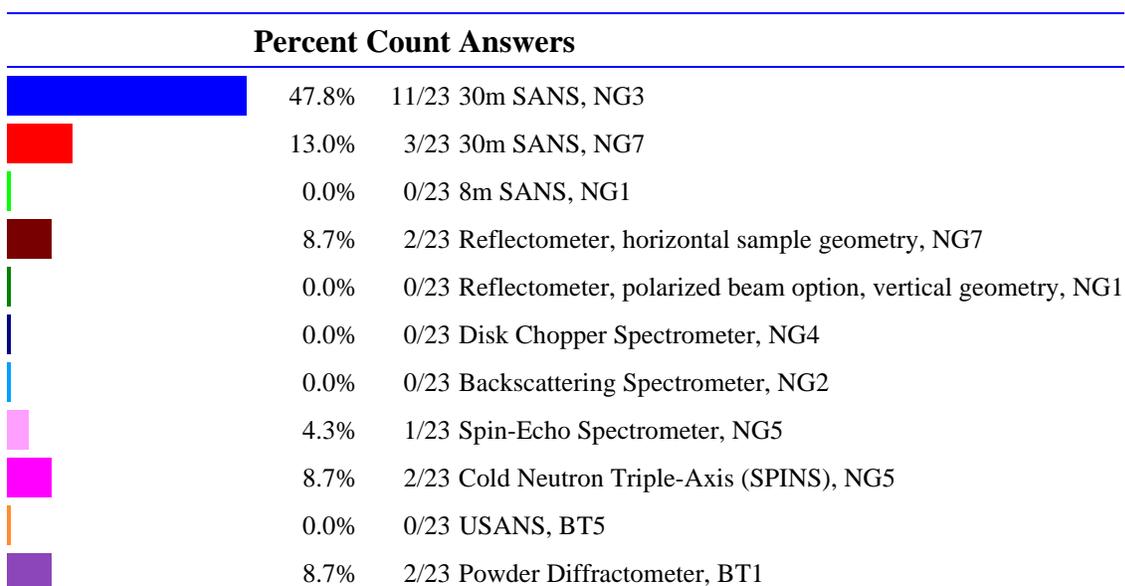
22-Feb-2004 8:12:47 AM

There are a total of **23** responses for the selected group from 15-Feb-2004 to 19-Feb-2004.

### 1. Your position



### 2. Your primary instrument (Please use this instrument as the basis for answers to sections 3 and 4)



	4.3%	1/23 Residual Stress Diffractometer, BT8
	0.0%	0/23 Filter Analyzer Spectrometer (FANS), BT4
	4.3%	1/23 Triple-Axis Spectrometer with polarized beam option, BT2
	0.0%	0/23 Triple-Axis Spectrometer, BT9

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**100.0% 23/23 Summary**

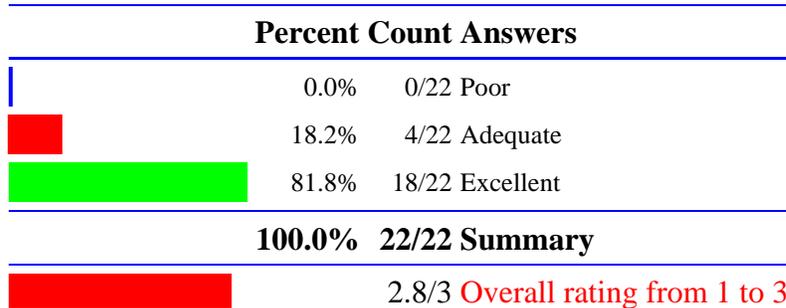
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3. **Please rate the proposal process**

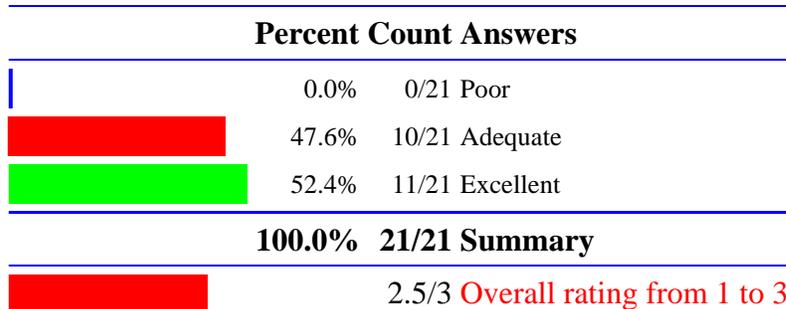
1) Ease of proposal submission		2.8/3			
2) Referee reports and PAC comments		2.5/3			
3) Proposal process fairness		2.6/3			
4) Scheduling process following approval		2.7/3			

**Legends:**  
 Poor  
 Adequate  
 Excellent  
 Overall rating based on the scale from 1 to 3

**1) Ease of proposal submission**

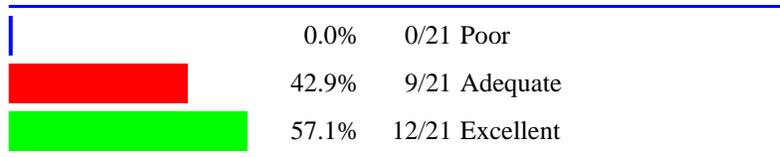


**2) Referee reports and PAC comments**



**3) Proposal process fairness**

**Percent Count Answers**

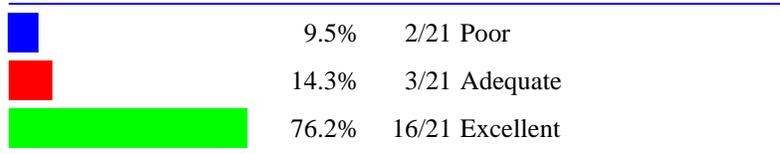


**100.0% 21/21 Summary**

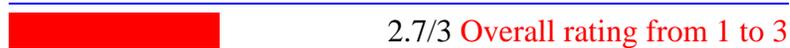


**4) Scheduling process following approval**

**Percent Count Answers**



**100.0% 21/21 Summary**



**4. Please rate the effectiveness of the health physics training**

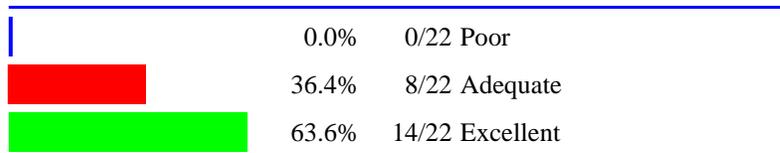
1) Relevance of computer based training content	2.6/3	
2) Efficiency of computer based training	2.6/3	
3) NCNR Health Physics tour	2.6/3	
4) Discussion/exam review with health physicist	2.8/3	
5) Refresher/Reindoctrination Training	2.6/3	

**Legends:**

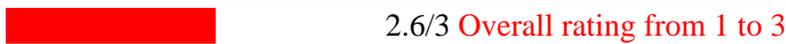
- Poor
- Adequate
- Excellent
- Overall rating based on the scale from 1 to 3

**1) Relevance of computer based training content**

**Percent Count Answers**

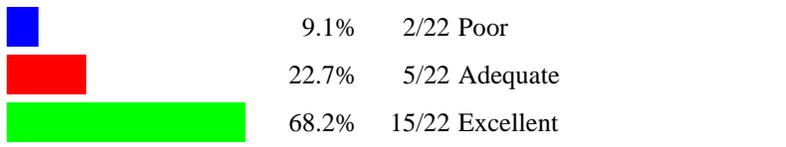


**100.0% 22/22 Summary**



**2) Efficiency of computer based training**

**Percent Count Answers**

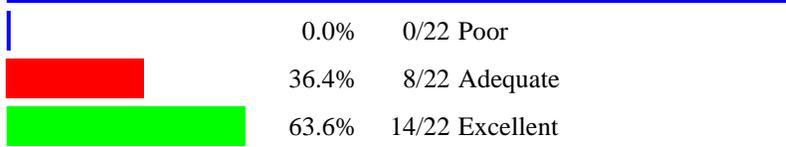


**100.0% 22/22 Summary**

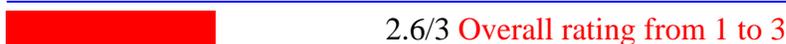


**3) NCNR Health Physics tour**

**Percent Count Answers**

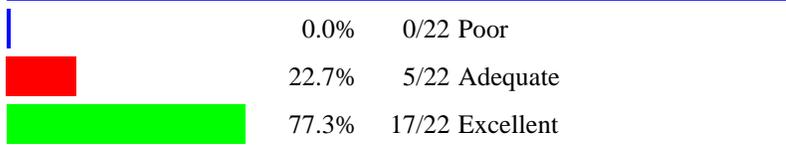


**100.0% 22/22 Summary**

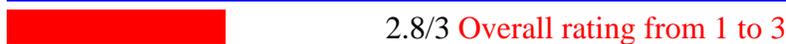


**4) Discussion/exam review with health physicist**

**Percent Count Answers**

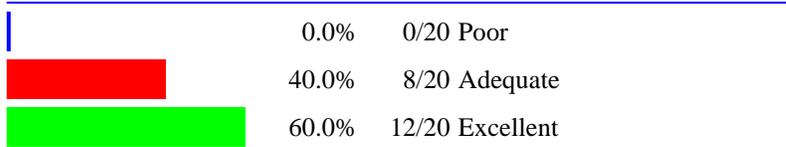


**100.0% 22/22 Summary**

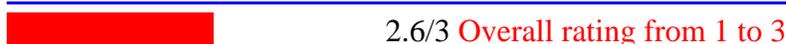


**5) Refresher/Reindoctrination Training**

**Percent Count Answers**

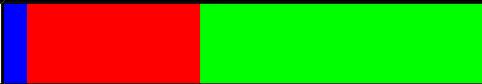
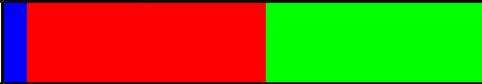


**100.0% 20/20 Summary**

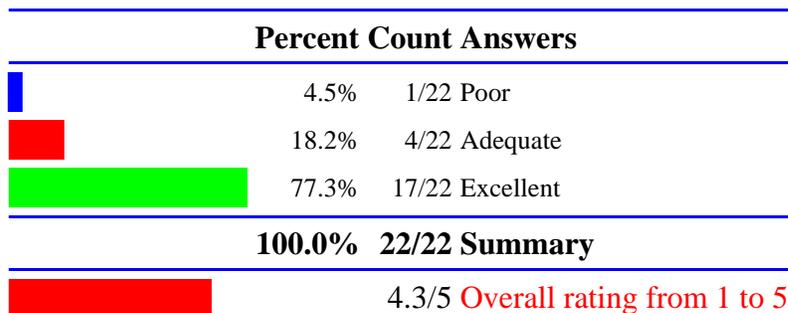


**5. Please rate the user support facilities**

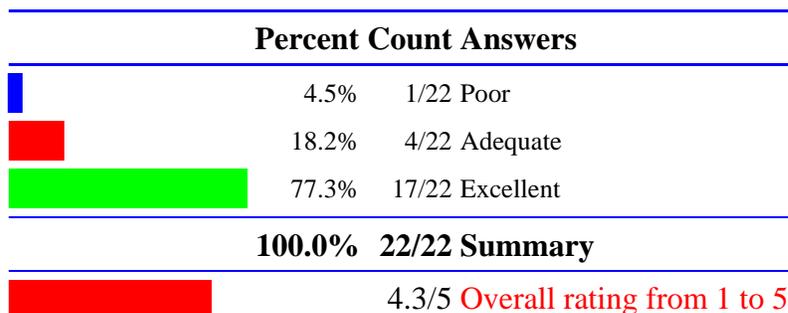
1) User Laboratory		
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facilities		4.3/5	
2) Tools and supplies in support labs		4.3/5	
3) User Offices		3.5/5	
4) NCNR computers for users		3.7/5	
5) Network access for user laptops		4.1/5	
6) Break/snack room facilities		3.3/5	
<b>Legends:</b>			
 Poor			
 Adequate			
 Excellent			
 Overall rating based on the scale from 1 to 5			

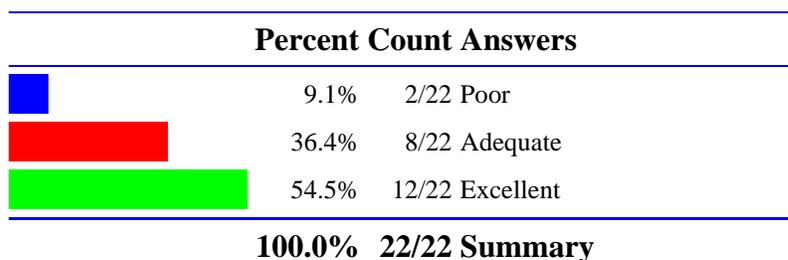
**1) User Laboratory facilities**

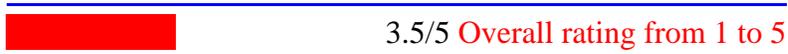


**2) Tools and supplies in support labs**

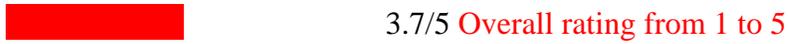
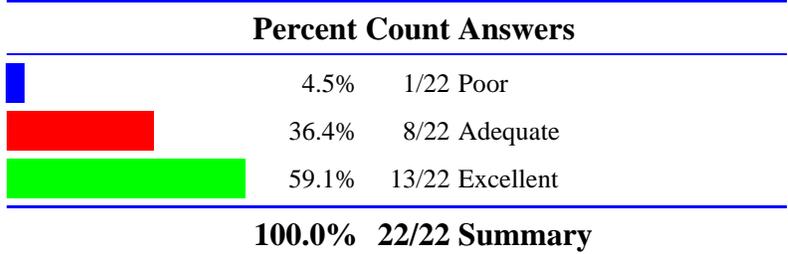


**3) User Offices**

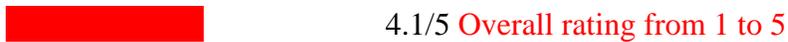
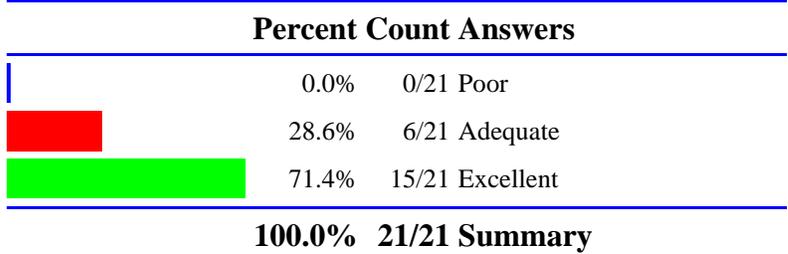




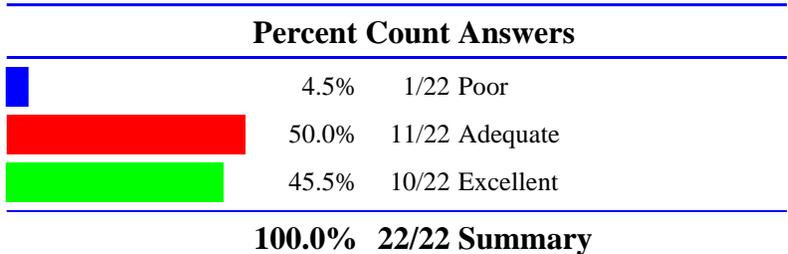
**4) NCNR computers for users**



**5) Network access for user laptops**



**6) Break/snack room facilities**

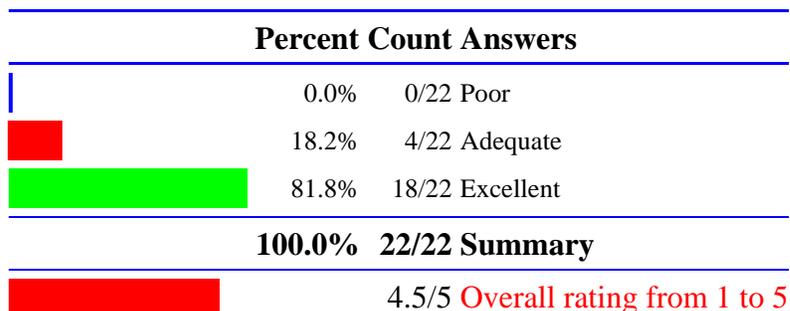


**6. Please rate the following aspects of sample environments**

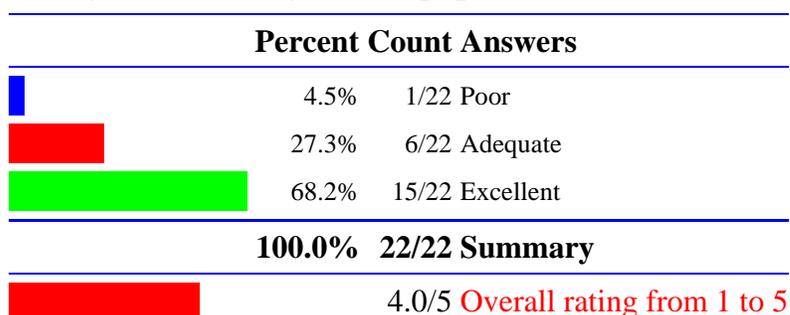
1) Availability of different sample environments	4.5/5	
2) Quality and reliability of the equipment	4.0/5	
3) Support from sample environment personnel	4.7/5	
<b>Legends:</b>		
Poor		
Adequate		
Excellent		

Overall rating based on the scale from 1 to 5

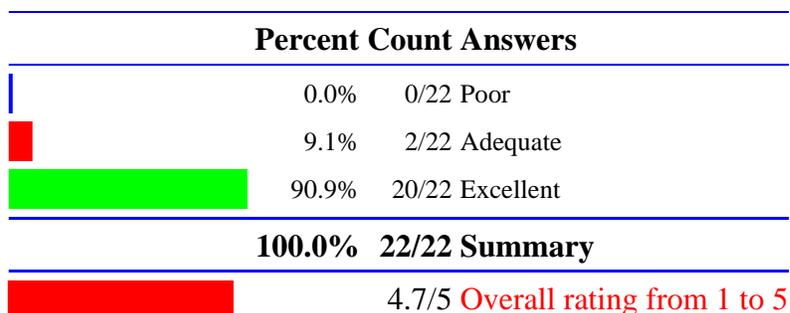
### 1) Availability of different sample environments



### 2) Quality and reliability of the equipment



### 3) Support from sample environment personnel



### 7. What other sample environments would you research benefit from

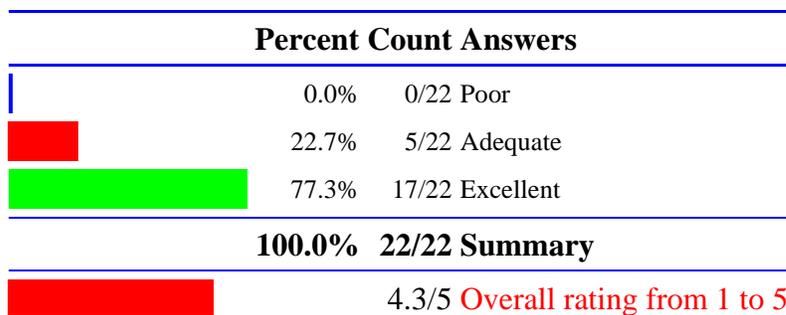
- [inert atmosphere](#)
- [Wide-angle horizontal field magnets](#)
- [During my experiments, I need to change illumination. Therefore, I need block light from my sample environments.](#)
- [NIST provides me this sample enviroment.](#)
- [low temp. cryostat](#)

### 8. Please rate your primary NCNR instrument

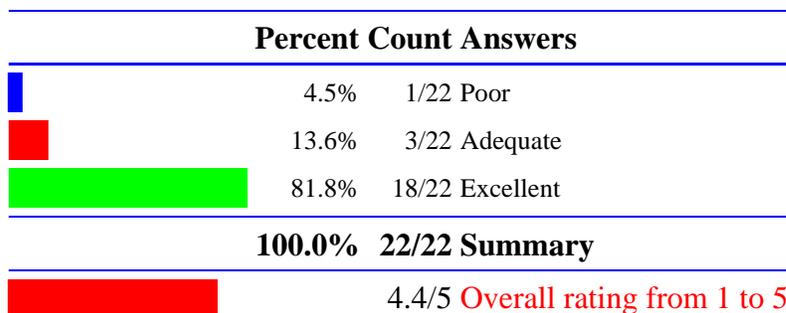
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1) Hardware reliability and performance	4.3/5	
2) Data acquisition software	4.4/5	
3) Support from NCNR staff	4.9/5	
<b>Legends:</b>		
Poor		
Adequate		
Excellent		
Overall rating based on the scale from 1 to 5		

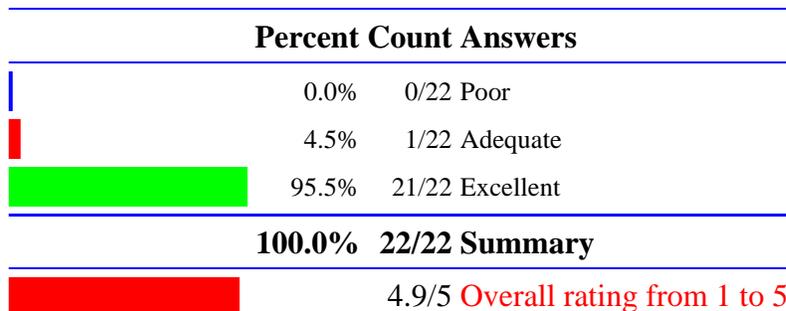
**1) Hardware reliability and performance**



**2) Data acquisition software**



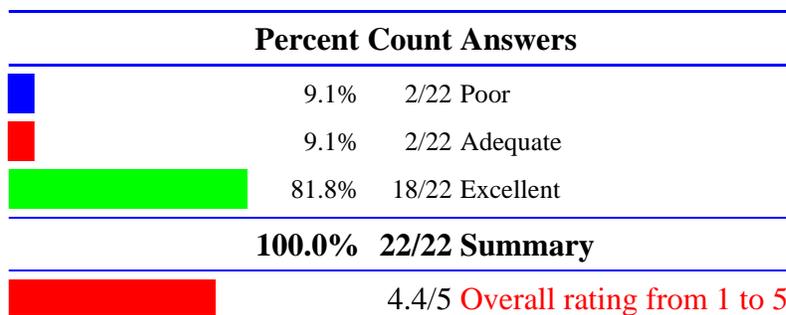
**3) Support from NCNR staff**



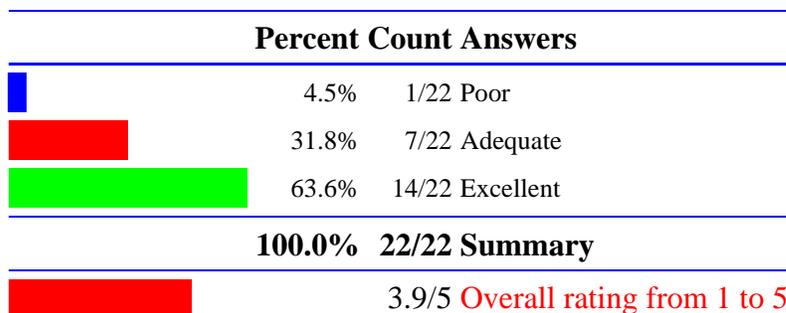
**9. Please rate data analysis and visualization software at the NCNR**

1) Quality of software		4.4/5	
2) Range of capabilities		3.9/5	
3) Assistance from NCNR staff		4.7/5	
<b>Legends:</b>			
 Poor			
 Adequate			
 Excellent			
 Overall rating based on the scale from 1 to 5			

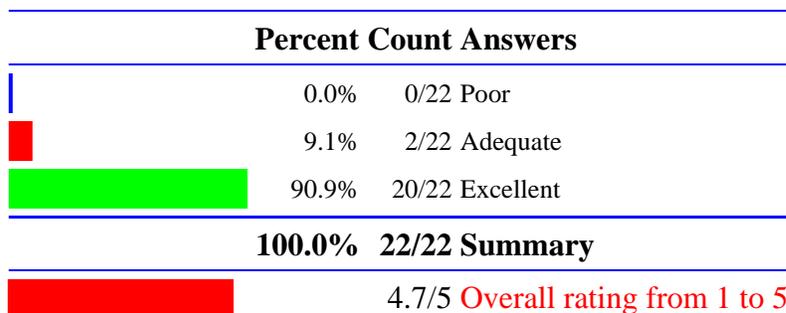
**1) Quality of software**



**2) Range of capabilities**



**3) Assistance from NCNR staff**



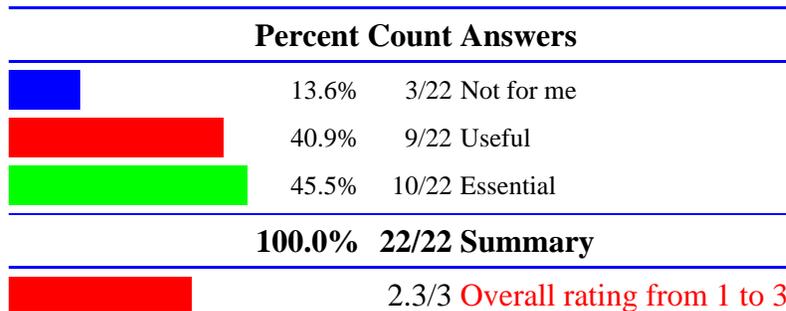
**10. What other data analysis tools would your research benefit from**

- o [A Small angle scattering model for multilammlar vesicles.](#)
- o [Additional fitting packages for SANS data\(structure factor forms, additional core shell forms\(cylinders\)\)](#)
- o [Data reduction software and instructions for Spin Echo](#)
- o [I know there is an ongoing project to update and extend ICP and DAVE. This should be given full institutional support.](#)
- o [No.](#)

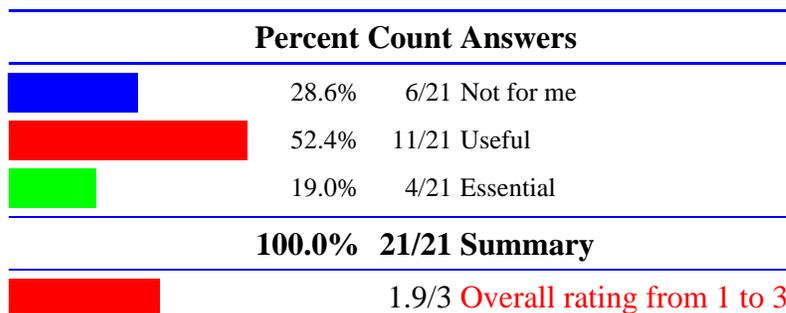
**11. Please rate to what extent these forms of remote access (would) benefit your research program**

1) Remote viewing of instrument status and data		2.3/3	
2) Remote control of instrument		1.9/3	
3) Mail in samples for simple, well defined measurements		2.1/3	
<b>Legends:</b>			
Not for me			
Useful			
Essential			
Overall rating based on the scale from 1 to 3			

**1) Remote viewing of instrument status and data**



**2) Remote control of instrument**



**3) Mail in samples for simple, well defined measurements**

Percent Count Answers		
	22.7%	5/22 Not for me
	45.5%	10/22 Useful
	31.8%	7/22 Essential
<b>100.0% 22/22 Summary</b>		
	2.1/3 Overall rating from 1 to 3	

12. **Please list any neutron instruments not currently at the NCNR that would benefit your research program or the community in general.**

- o [powder diffraction with area detector, for visualizing anisotropy of small molecule powder samples--I think that your current powder instruments don't have the right detector capability for this.](#)
- o [No.](#)
- o [As quite a portion of proposals are rejected each year, please consider to increase the numbers of SANS and NR.](#)

13. **Are there any other comments or suggestions about the NCNR that you would like to add?**

- o [During the proposal submission process it should be made horribly, insultingly, condescendingly clear that only 3 figures are allowed to be included with the experimental report.. maybe its 4 actually. Whatever the hell the number is I spent a week writing a report that had to many figures, then had to re-write it at the last minute cause I had too many figures.. granted, I'm an idiot, but the process should be made as idiot proof as possible.. in short, it should be easier for short-sighted people like me to have access to a nuclear reactor.](#)
- o [It's a wonderful place to do research--supportive, friendly staff and excellent facilities and training.](#)
- o [NCNR programs had significant role in the development of my research. Summer schools were excellent chance to learn from well known scientists, staff are very available and helpful, and there are good tools and softwares for data analysis. NCNR is a valuable source for researchers\(graduate students and professors\) all over nation.](#)
- o [Sorry, I haven't used the instruments yet and I can not rate them but I just wanted to say which setups can be useful for my reserach in future if it's any use for you.](#)  
[Sincerely,](#)  
[-d](#)
- o [No](#)
- o [Is it possible to build up a cafeteria in NCNR building?](#)
- o [This facility is essential for neutron research in the eastern US. The staff scientists have been wonderful.](#)
- o [I have been completely pleased with the interactions with the facilities and the people who work there. Keep up the good work!](#)

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