

# Update on NSF Solicitation for New Geoscience Synchrotron Organization

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COMPRES Annual Meeting  
August 12-13, 2021  
On-line



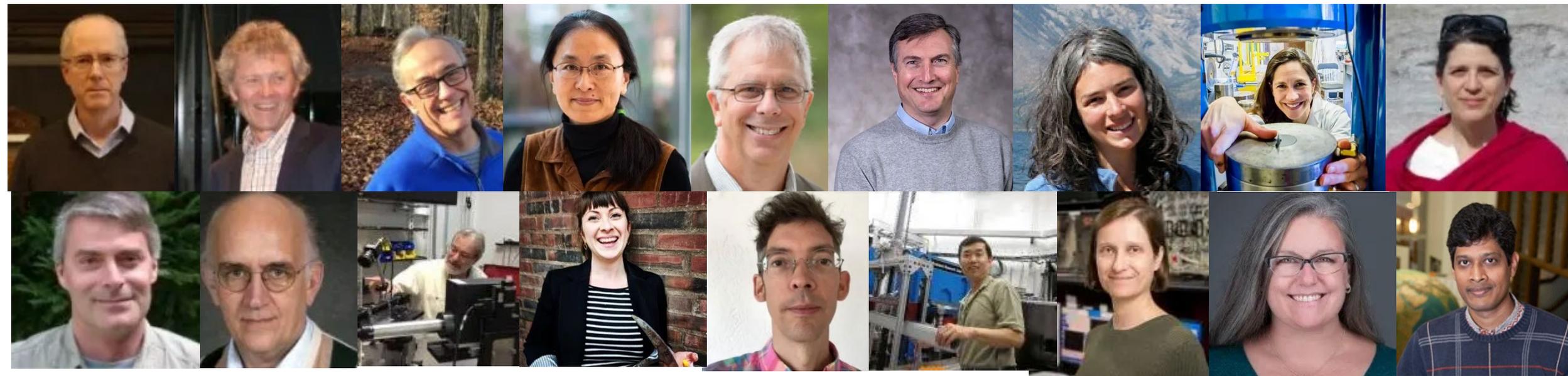
**COMPRES**  
Consortium for Materials Properties Research in Earth Sciences

# Who Are We?

## Geoscience Synchrotron Users Steering Committee

Broad-based group that has formed to develop a response to the solicitation

Consists of members drawn from GSECARS, COMPRES, and at-large community



<https://gsecars.uchicago.edu/synchrotron-geoscience/>

## What does the new organization need to do?

Develop and operate  
world-class user facilities  
for Geoscience

Enable Geoscientists to  
address priority science  
questions

Foster an expanded and  
inclusive geoscience  
synchrotron community

## **Community Facility Support: Synchrotron-based analytical capabilities advancing Earth and Environmental Sciences research and training**

- 5-year \$35 million project
- Develop, manage, operate, and support access to US synchrotron-based and supporting laboratory capabilities for Earth and Environmental Sciences community
- Oversee the development of new instrumentation and techniques taking advantage of new opportunities and capabilities
- Combine GSECARS and COMPRES and expand to a broader portfolio
- Address priority science questions such as outlined in NASEM “Earth in Time” report
- A single proposal from 1 organization with overall management responsibility; collaborative through inclusion of subawards
- Proposal Deadline is March 4, 2022
- 5-year cooperative agreement expected to begin about 1 year after proposal deadline

# Steering Committee: On-Going Efforts

## Leadership

Identifying and  
Selecting a PI for the  
Project

## Science

Identifying priority science  
questions for synchrotron-based  
research such as those  
identified in **Earth in Time**  
Report

## Review

Evaluation of existing programs  
and facilities

Solicitation of proposals for new  
programs and facilities

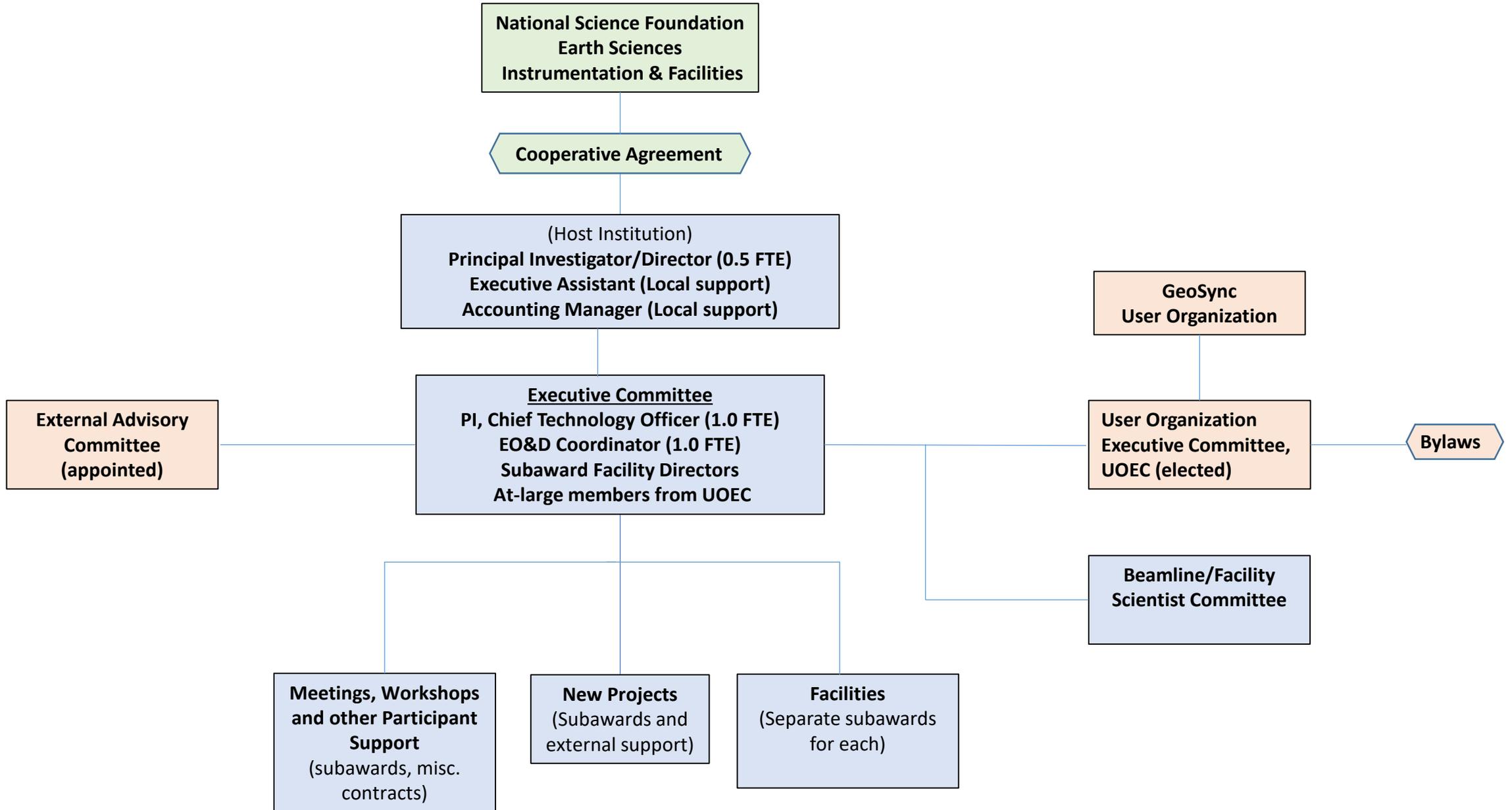
## Management

Developing plans for  
the management and  
governance of the new  
organization

## Community Outreach

Including:  
Workshops/Town halls  
Webpage  
Community feedback  
Education, outreach, and diversity (P. Burnley)

# GeoSync Management Structure - Proposed



EO&D =educ., outreach, diversity

# Website

<https://gsecars.uchicago.edu/synchrotron-geoscience/>

Steering Committee members

Update on Activities

Workshops

Community Feedback

## Geoscience Steering Committee - Feedback Form

Please submit any suggestions or issues you would like to bring to the attention of the Steering Committee. Suggestions submitted using this form are anonymous. If you wish to get a reply to your question, please enter your name and email address in the space provided. We look forward to hearing from you!

Name

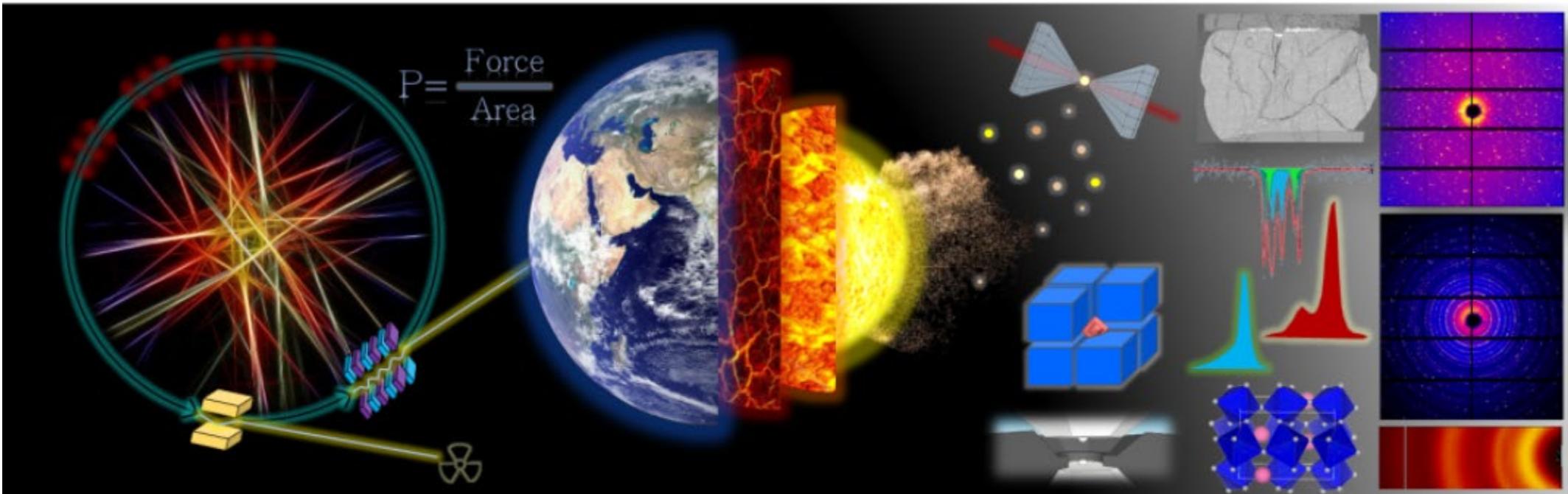
First

Last

Email

Feedback: \*

Submit



## Advances in synchrotron-based research towards understanding the structure, evolution, and dynamics of Earth and planetary interiors

August 31 – September 2, 2021

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Questions?

Comments?

Suggestions?

Feedback Form:

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