



2021 Collegeville Workshop on Scientific Software

Software Teams
Closing Remarks

Thanks to Our Sponsor & Organizers

- College of Saint Benedict & Saint John's University
 - Home institution, host of Zoom resources


- Organizers

Mike Heroux, Sandia National Laboratories, St. John's University
Keith Beattie, Lawrence Berkeley Laboratory
Hannah Cohoon, University of Texas at Austin
Anshu Dubey, Argonne National Laboratory
Vadim Dyadechko, ExxonMobil Corporation
Nur Fadel, Swiss National Supercomputing Center (CSCS)
Jacob Hemstad, Nvidia Corp.
Daniel S. Katz, University of Illinois at Urbana-Champaign
Sarah Knepper, Intel Corp.
Addi Malviya-Thakur, Oak Ridge National Laboratory
Lois Curfman McInnes, Argonne National Laboratory
Pat Quillen, MathWorks, Inc.
Elaine Raybourn, Sandia National Laboratories
James Willenbring, Sandia National Laboratories

COLLEGE OF
Saint Benedict



Saint John's
UNIVERSITY



Attendees - Thank you!

- Many great discussions, Slack conversations, and more.

Observations on Scientific Software Teams theme

- In need of investment
 - Comments: "Not an expert, don't know what to write."
 - Lots of questions during all session, many common challenges
 - Ratio of challenges to solutions very high
- Lots of good insight into technical approaches
- Lots of open questions on the cultural aspects
- Nature of scientific teams not well studied
- Opportunities:
 - Advanced tools and processes, no doubt, especially for peer-led teams
 - Insight into cultural issues, in collaboration with social & cognitive sciences

Resources

- <https://collegeville.github.io/CW21/Resources.html>
 - Recordings - Spread the word about our YouTube videos!
 - White Papers - Will request DOI versions, publish some in CiSE
 - Panel Slides and Discussion Notes - Available from website
 - Teatime Themes - Take away the ideas and relationships built

Special issue of CiSE

- Computing in Science and Engineering - IEEE publication
 - Jeff Carver - Associate Editor in Chief
 - Anshu Dubey - Track editor for Scientific Programming
- July/Aug 2022 Special Issue for Collegeville 2021 content
- Forming special issue reviewer pool
- Soliciting input in the next two months

DOE Workshop on “Science of Scientific SW”

- Week of Dec 6, 2021
- AKA,
 - Meta-science: broad term for this topic
 - Research software science - More specific, makes sense to me for our efforts
- Most likely virtual, at least partly
- Subscribe to [Collegeville2021#research-software-science](#) channel for more details in the future

2022 Collegeville Workshop on Scientific Software

Theme TBD

July 25 - 29, 2022 (tentative)

<https://collegeville.github.io/CW22/>

- Register by joining Collegeville 2021 Slack workspace
 - <https://collegeville.github.io/CW22/Registration2022.html>





Keep the Conversation Going

CiSE special issue

DOE Workshop

Research SW Science
Collegeville 2022

Bring a friend

Help with 2022 theme

Complete [workshop survey](#)