COMPRES

COnsortium for Materials Properties Research in Earth Sciences



COMPRES Annual Meeting held on August 2-5, Big Sky, Montana



There were approximately 140 participants at this year's COMPRES Annual Meeting (group photo above). Highlights included keynote speakers, poster cameos, student-postdoc breakout session, reports from the COMPRES facilities. <u>http://compres.us/events/annual-meeting/2019/detailed-program00</u>



Top left to bottom right: Keynote speaker Heather Savage, participants Paul Raterron and Shun Karato, Keynote speaker Suzanne Smrekar, participant Dongzhou Zhang.





Newsletter

October 2019





Annual Meeting Best Student Presentation Awards

There were four "best student presentation awards" at this year's COMPRES annual meeting. Prizes were \$200 Amazon Gift Cards.



Ben Brugman Michigan State University, PhD Student

"Strength, deformation and equation of state of tungsten carbide to 66 GPa"



Ryan Klein NIST Center for Neutron Research, Post-Doc

"Nature and role of the magnetism in jarosite at extreme conditions"



Claire Zurkowski University of Chicago, PhD Student

"Phase stability and thermal equations of state of Fe₃S and Fe₂S polymorphs to Earth's core pressures and high temperatures"



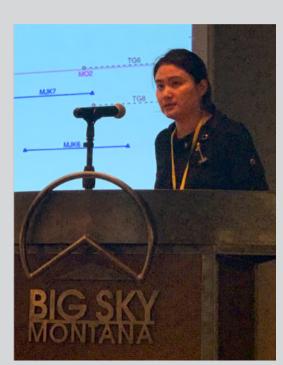
Jason Ott UC Santa Cruz, PhD Student

"Compression and metastability of the amphibole tremolite to high pressures and temperatures through Raman spectroscopy"

Some Annual Meeting Speakers



Miaki Ishii (Harvard University)





Tom Sharp (Arizona State University)



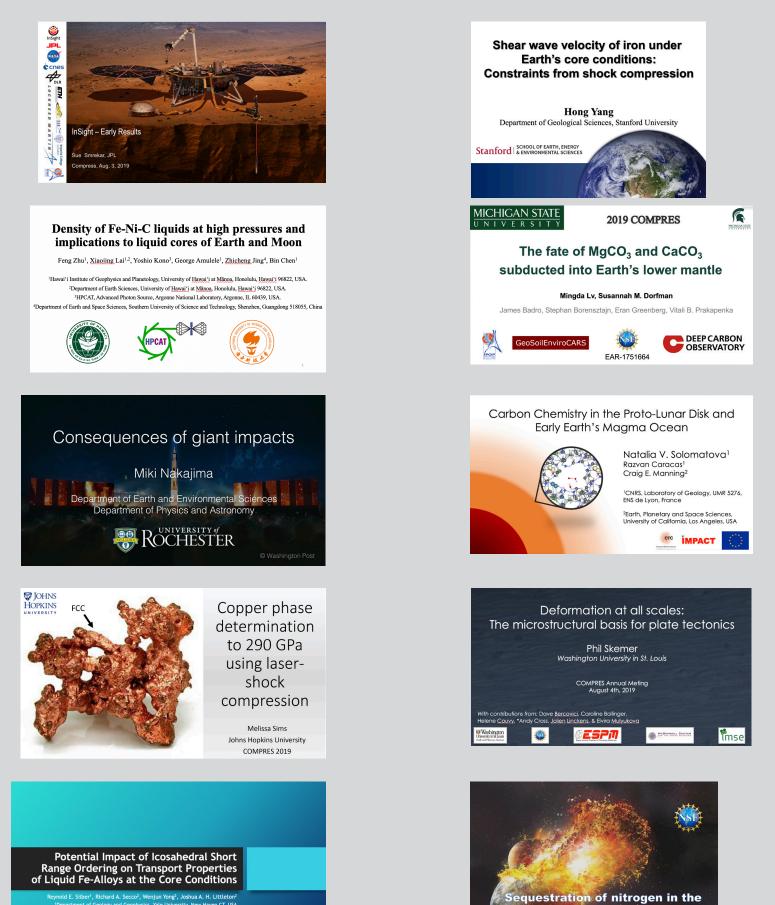
Bora Kalkan (UC Santa Cruz)

Jin Zhang (University of New Mexico)



Dongzhou Zhang (University of Hawaii)

Some Annual Meeting Talk Titles



Core during accretion Colin Jackson, Zhixue Du, Neil Bennett, <u>Yingwei Fei, Elizabeth Cottrell</u>

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CARNEGIE Geophysical Laborator

Reynold E. Silber¹, Richard A. Secco², Wenjun Yong², Joshua A. H. Littleton² ¹Department of Geology and Geophysics, Yale University, New Haven CT, USA ²Department of Earth Sciences, University of Western Ontario, London, Ontario, Canada, N6A 587

> COMPRESS Conference 2 - 5 Aug, 201 Big Sky Resort, Montana, US



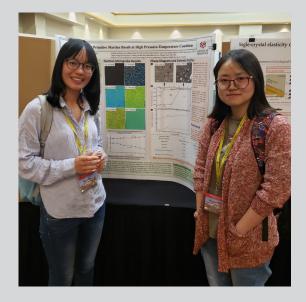


Some COMPRES Annual Meeting Attendees

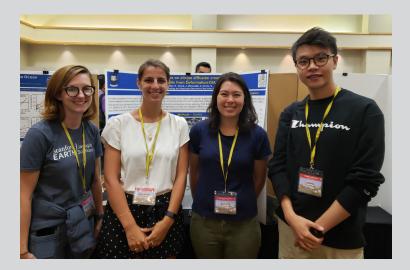


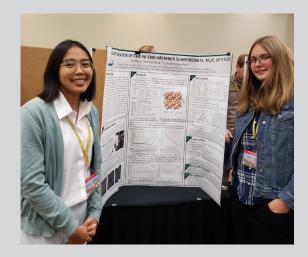
















Some COMPRES Annual Meeting Attendees

Newly Elected COMPRES Committee Members



Tom Sharp Arizona State University Member, Executive Committee [2019-2022]



Heather Watson Union College Member, Executive Committee [2019-2022]



Alisha Clark University of Colorado Member, Facilities Committee [2019-2022]



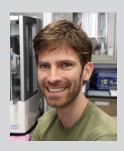
June Wicks Johns Hopkins University Member, Facilities Committee [2019-2022]



Bethany Chidester UC Davis Member, EOID Committee [2019-2022]



Megan Duncan Virgina Tech Member, EOID Committee [2019-2022]



Zach Gabelle Geophysical Lab Member, EOID Committee [2019-2022]



Lars Hansen University of Minnesota Member, EOID Committee [2019-2022]

Outgoing COMPRES Committee Members



Baosheng Li Stony Brook University Member, Executive Committee [2016-2019]



Jackie Li University of Michigan Member, Executive Committee [2016-2019]



Anne Pommier UC San Diego, Scripps Member, Facilities Committee [2016-2019]



Ariana Gleason LANL/Stanford University Member, Facilities Committee [2016-2019]



Jiuhua Chen Florida International University Member, EOID Committee [2016-2019]



Gabriel Gwanmesia Delaware State University Member, EOID Committee [2016-2019]



Joe Smyth University of Colorado Member, EOID Committee [2016-2019]

COMPRES Distinguished Lecturers 2019-2020





Rebecca Fischer Harvard University

Jin Zhang University of New Mexico

COMPRES, the Consortium for Materials Properties Research in Earth Sciences announces the speakers for its 2019-2020 Distinguished Lecture series in the field of Mineral Physics. The talks feature topics that emphasize the exciting high-pressure geoscience research being conducted within the COMPRES community and its significance for understanding fundamental Earth and planetary processes. The primary target audience for these lectures is undergraduates in departments of geology and related sciences at non-PhD granting institutions, but applications from all academic institutions in the U.S. are welcome. http://compres.us/events/lecture-series/distinguished-lecture-series-2019-2020

We are pleased to announce that the COMPRES Distinguished Lecturers for 2019-2020 are Rebecca Fischer of Harvard University and Jin Zhang of The University of New Mexico.

COMPRES will fund all travel costs for the speaker, including transportation, accommodation and meals. There is no cost to the hosting institution.

The host colleges or universities will be expected to arrange the talks and provide local logistical support. If your institution is interested in requesting a visit, please send your request to Carl Agee, President of COMPRES [agee@unm.edu] with a copy to Beth Ha [beth3ha@unm.edu].



Contact: Dr. Carl Agee COMPRES President agee@unm.edu 505-750-7172 www.compres.us



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