Save the dates: In-situ Rock Deformation Workshop, 7/25-29/23

Dear colleagues,

The 3rd ISRD-RCN Workshop: ***Exploring Dynamic Properties of Earth and Planetary Materials Using Neutron Scattering and Imaging***, will be held on *July 25-27, 2023* at [The Hotel UMD](https://www.thehotelumd.com/). Please save the dates and the workshop [registration](https://www.isrdrcn.org/) will start in two weeks. Looking forward to seeing you in July. Wenlu & Dan

Here is the [workshop agenda](https://www.isrdrcn.org/workshops/3rd-isrd-rcn-workshop-2023/):

***July 24 (Monday)***: Check-in at [The Hotel UMD](https://www.thehotelumd.com/) after 3pm.

***July 25 (Tuesday): Day 1***

7:00-8:00am: breakfast

**Session I: Exploring Dynamic Material Properties Using Neutron** (Chair: Dan Hussey)

8:00-8:30am: Opening remarks (Dan and Wenlu)

8:30-9:30am: **Larry Anovitz (ORNL)**

*Overview of neutron scattering for geology*

9:30-10:00am Coffee break

10:00-11:00am: **Brian Kirby (NIST)**

*Neutron sources, accessing user programs, the NCNR CHRNS program*

11:00-12:00pm: **Alessandro Tengattini (ILL)**

*Simultaneous Neutron/X-ray tomography of (deforming) geomaterials*

12:00-1:30pm: Lunch

1:30-4:30pm: **Visiting NIST**

6:00-7:30pm: dinner at The Hotel UMD

**Session II: Neutron Sample Environments** (Chair: TBD)

7:30-8:30pm: **Yun Liu (NIST)**

*Small angle Neutron Scattering (SANS) to measure the equation of state in shale*

8:30-9:30pm: discussion

***July 26 (Wednesday): Day 2***

7:00-8:00am: breakfast

**Session III: Neutron** **Diffraction and Imaging** (Chair: Doug Schmitt)

8:00-9:00am: **Javier Campo (INMA/ILL)**

*High pressure neutron diffraction*

9:00-10:00am: **Juscelino Leao (NIST)**

*Neutron sample environments for high pressure and temperature*

10:00-10:30am coffee break

10:30-11:30am: **Bianca Haberl** **(ORNL)**

*Neutron Diffraction at SNAP*

11:30-12:00 am: discussion

12:00-1:30pm: Lunch

**Session IV (Posters): Study of Earth and Planetary Materials** (Chair: Wen-lu Zhu)

1:30-3:30pm: Poster viewing

3:30-6:30pm: Visiting Annapolis

6:30-8:30pm: Dinner at [Buddy’s Crabs and Ribs](https://buddysonline.com/)

***July 27 (Thursday): Day 3***

7:00-8:00am: breakfast

**Session V: Recent Advances at Neutron Beamlines** (Chair: TBD)

8:00-9:00am: **Heloisa Bordallo (UCPH/ESS)**

*Inelastic Neutron Scattering for studying water in geology*

9:00-10:00am: **Hassina Bilheux (ORNL)**

*Neutron Bragg Edge Imaging at VENUS*

10:00-10:30am coffee break

10:30-11:30am: **Jacob LaManna (NIST)**

*Emerging Neutron Imaging Methods*

11:30-12:00 am: discussion and adjourn