**Tuesday, August 30, 2022**

*Registration will open at 7:00 am.  Tuesday Posters should be setup before 8:30am in Poster Hall.*

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| 8:30 am | **Welcome/Introduction** | Susan Owen, JPL, Paul Rosen, JPL, Raj Kumar, ISRO, Jim Graf, JPL, Gerald Bawden, NASA |
| 9:00 am | **NISAR - Trailblazer for Earth System Observatory** | Julie Robinson, Deputy Division Director, NASA Earth Science |
| 9:15 am | **Earth Science in the age of NISAR** | Brent Minchew, MIT |
| 9:30 am | **The NISAR Mission Overview** | Paul Rosen, JPL |
| 10:30 am | *Break* | |
| 10:45 am | **NISAR Science and Science Data Products Overview** | |
| 10:45 am | Ecosystems | Paul Siqueira, U Mass |
| 11:00 am | Cryosphere | Ian Joughin, U Washington |
| 11:15 am | Solid Earth | Mark Simons, Caltech |
| 11:30 am | Urgent Response | Cathleen Jones, JPL |
| 11:45 am | Soil Moisture | Seungbum Kim, JPL |
| 12:00 pm | *Lunch break* | |
| 1:00 pm | **Poster Session** | |
| 3:15 pm | **Calibration and Validation Overview** | Bruce Chapman, JPL |
| 3:30 pm | **Innovative SAR Science Products** | |
| 3:30 pm | Introduction to OPERA and its NISAR derived higher level products | David Bekaert, JPL |
| 3:50 pm | Global Seasonal Sentinel-1 Interferometric Coherence and Backscatter Data Set | Josef Kellndorfer, Earth Big Data, LLC |
| 4:10 pm | Building a Clear Picture of the Cryosphere with SAR | Joanna Millstein, MIT |
| 4:30 pm | **How to Access SAR Data** | Franz Meyer, U Alaska |
| 5:00 pm | **Poster Session** | |
| 6:30 pm | *Adjourn* | |

*Tuesday poster presenters should take their posters down after 6:30 pm Tuesday or on Wednesday morning at 7:30 am.*

**Wednesday, August 31, 2022**

*Registration will open at 7:30 am.  Posters should be setup before 8:30am in Poster Hall.*

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| 8:30 am | **NISAR Science - Funding Opportunities from NASA** | Gerald Bawden, NASA |
| 9:00 am | **Science Focus Area Breakout Sessions** (*see agendas on separate sheet*) | |
|  | Solid Earth – Plenary Hall | Mark Simons |
|  | Ecosystems & Soil Moisture – Breakout Room A | Paul Siqueira |
|  | Cryosphere – Breakout Room B | Ian Joughin |
| 11:00 am | *Group Photo in front of Convention Center* | |
| 11:15 am | **Poster Session** | |
| 12:30 pm | *Lunch Break* | |
| 1:30 pm | **Beyond NISAR Core Science: Interdisciplinary Science** | |
| 1:30 pm | Using NISAR to Monitor Arctic Permafrost | Kevin Schaefer, National Snow and Ice Data Center |
| 1:45 pm | Dynamics of coastal hydrology and ecology: the NISAR revolution" | Marc Simard, JPL |
| 2:00 pm | Application of L-band SAR for wetlands and wildfire | Laura Bourgeau-Chavez, Michigan Technological Univ |
| 2:15 pm | From InSAR Data to Groundwater Science and Management | Rosemary Knight, Stanford |
| 2:30 pm | **Science Needs from NISAR Applications Workshops** | |
| 2:30 pm | Critical Infrastructure, Land subsidence | Cathleen Jones, JPL |
| 2:45 pm | Wetlands, Forests, Agriculture & Soil Moisture | Paul Siqueira, U Mass |
| 3:00 pm | NISAR Needs from the Earthquake and Volcano Communities | Estelle Chaussard, FM Global |
| 3:15 pm | Sea Ice Community | Andy Mahoney, U Alaska |
| 3:30 pm | *Break* | |
| 4:00 pm | **NISAR Data Products** | Heresh Fattahi, JPL |
| 4:30 pm | **How to Get Trained to Use SAR Data** | Franz Meyer, U Alaska, Erika Podest, JPL, Paul Rosen, JPL |
| 5:00 pm | **Poster Session** | |
| 6:30 pm | *Adjourn* | |

*Optional early career networking coordinated dinner outings at 6:30 pm. Signup upon the badge pickup on Monday afternoon or Tuesday morning.*

*Wednesday poster presenters should take their posters down after 6:30 pm Wednesday or before 12:30 pm on Thursday*

**Thursday, September 1, 2022**

*Registration will open at 7:30 am.*

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| 8:30 am | **Cross Disciplinary Data Analysis:  is it Signal or Noise?** | |
| 8:30 am | Closure phase bias – signal or noise | Yujie Zheng, Caltech |
| 8:50 am | Finding the signal in snow: 2017-2021 NASA SnowEx UAVSAR Experiment | HP Marshall, Boise State Univ |
| 9:10 am | Accurate Persistent Scatterer Selection in Densely Vegetated Terrain | Ann Chen, U Texas, Austin |
| 9:30 am | **Future SAR Missions** | |
|  | SAR landscape overview: Earth System Observatory, NISAR, Surface Deformation and Change, and Commercial | Gerald Bawden, NASA |
|  | International SAR Coordination Workshop | Paul Rosen, JPL |
|  | Surface Deformation and Change (SDC) Overview | Shadi Oveisgharan, JPL |
|  | SDC Near Term Science Activities (Jordan Bell, MSFC) | Jordan Bell, MSFC |
| 10:30 am | *Break* | |
| 10:45 am | **Countdown to NISAR** | |
|  | What’s next for the NISAR mission | Paul Rosen, JPL |
|  | Calibration and Validation Activities | Bruce Chapman, JPL |
|  | Applications Activities | Cathleen Jones, JPL |
|  | Science Community Engagement, Menti | Susan Owen, JPL |
| 12:00 pm | *Workshop adjourns* | |

*Posters should be taken down by 12:30 pm*