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| **3rd Open Science in Big Data (OSBD) Workshop**  **(ADAMS, Floor 2)**  *Workshop Chairs: Shannon Quinn, John Miller, Suchi Bhandarkar, Nicole Lazar, Kyle Johnsen* | | |
| **Time** | **Title** | **Presenter/Author** |
| 1:30 – 1:35pm | Welcome and Introduction | Shannon Quinn (OSBD Chair) |
| 1:35 – 2:10 | “***Automatic Segmentation and Quantification of TB Scale Volumetric Murine Brain Vasculature Data”*** | Katherine Scott (3Scan) |
| 2:10 – 2:45 | “***Interpretable Machine Learning in Precision Medicine”*** | Prof. Su-In Lee (University of Washington) |
| 2:45 – 3:20 | “***Setting Up Your Public Data for Success”*** | Dr. Rachael Tatman (Kaggle) |
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| 3:20 – 3:40 | **Coffee Break** | |
| 3:40 – 3:55 | “Towards an Open (Data) Science Analytics-Hub for Reproducible Multi-Model Climate Analysis at Scale” | Sandro Fiore, Donatello Elia, Cosimo Palazzo, Alessandro D'Anca, Fabrizio Antonio, Dean Williams, Ian Foster, and Giovanni Aloisio |
| 3:55 – 4:10 | “The iEnvironment Platform: Developing an Open Science Software Platform for Integrated Environmental Monitoring and Modeling of Surface Water” | Paulo Alencar, Donald Cowan, Doug Mulholland |
| 4:10 – 4:25 | “Scientific Visualization and Reproducibility for “Open” Environmental Science” | Judith Cushing, Denise Lach, Chad Zanocco, and Jonathan Halama |
| 4:25 – 4:40 | “Automatic Segmentation and Quantification of TB Scale Volumetric Murine Brain Vasculature Data” | Venkata Vemuri, Hunter Jackson, and Katherine Scott |
| 4:40 – 4:55 | “Toward Simple & Scalable 3D Cell Tracking” | Mojtaba Sedigh Fazli, Stephen A. vella, Silvia N.J.Moreno, Gary E. Ward, and Shannon Quinn |
| 4:55 – 5:10 | “Parallelizing Bayesian Knowledge Tracing Tool For Large-scale Online Learning Analytics” | Yanjun Pu, Wenjun Wu, and Yong Han |
| 5:10 – 5:25 | “MORF: A Framework for Predictive Modeling and Replication At Scale With Privacy-Restricted MOOC Data” | Joshua Gardner, Miguel Andres-Bray, Christopher Brooks, and Ryan Baker |
| 5:25 – 5:40 | “Detecting Anomalies in the LCLS Workflow” | Tal Shachaf, Alex Sim, Kesheng Wu, and Wilko Kroeger |
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| **5:40 – 5:45** | **Closing Remarks** | |