IDENTIFYING INFORMATION:

NAME: Thayer, Jana

POSITION TITLE: LCLS Data Systems Division Director

PRIMARY ORGANIZATION AND LOCATION: SLAC National Accelerator Laboratory, Menlo Park, CA, USA

Professional Preparation:

ORGANIZATION AND LOCATION	DEGREE (if applicable)	RECEIPT DATE	FIELD OF STUDY
University of Rochester, Rochester, NY, USA	Postdoctoral Fellow	05/2002 - 03/2004	Elementary Particle Physics
The Ohio State University, Columbus, OH, USA	PHD	04/2002	Elementary Particle Physics
University of Illinois at Urbana-Champaign, Urbana-Champaign, IL, USA	BS	06/1996	Engineering Physics

Appointments and Positions

2020 - present LCLS Data Systems Division Director, SLAC National Accelerator Laboratory, Menlo Park, CA, USA

2015 - 2020 LCLS Data Systems Department Head, SLAC National Accelerator Laboratory, Menlo Park, CA, USA

2009 - 2015 Manager, LCLS DAQ Group, SLAC National Accelerator Laboratory, Menlo Park, CA, USA

2006 - 2009 Manager, LAT Flight Software, Fermi Gamma-Ray Space Telescope, SLAC National Accelerator Laboratory, Menlo Park, CA, USA

2004 - 2006 Software Developer, Fermi Gamma-Ray Space Telescope, SLAC National Accelerator Laboratory, Menlo Park, CA, USA

Products

Products Most Closely Related to the Proposed Project

1. Thayer J, Damiani D, Ford C, Dubrovin M, Gaponenko I, O'Grady CP, Kroeger W, Pines J, Lane TJ, Salnikov A, Schneider D, Tookey T, Weaver M, Yoon CH, Perazzo A. Data systems for the Linac coherent light source. Adv Struct Chem Imaging. 2017;3(1):3. PubMed Central PMCID: PMC5313569.
2. Ali A, Sharma H, Kettimuthu R, Kenesei P, Trujillo D, Miceli A, Foster I, Coffee R, Thayer J, Liu Z. fairDMS: Rapid Model Training by Data and Model Reuse. IEEE International Conference on Cluster Computing (CLUSTER) [Internet] Heidelberg, Germany: IEEE Computer Society; 2022. p.394-405. Available from: https://doi.ieeecomputersociety.org/10.1109/CLUSTER51413.2022.00050 DOI: 10.1109/CLUSTER51413.2022.00050
3. Liu Z, Ali A, Kenesei P, Miceli A, Sharma H, Schwarz N, Trujillo D, Yoo H, Coffee R, Layad N, Thayer J, Herbst R, Yoon C, Foster I. 2021 3rd Annual Workshop on Extreme-scale Experiment-in-the-Loop Computing (XLOOP). Piscataway, NJ USA: IEEE; 2021. Bridging

Data Center AI Systems with Edge Computing for Actionable Information Retrieval; p.15-23. DOI: 10.1109/XLOOP54565.2021.00008

4. Schwarz N, Campbell S, Hexemer A, Mehta A, Thayer J. Enabling Scientific Discovery at Next-Generation Light Sources with Advanced AI and HPC. 1315 ed. Communications in Computer and Information Science [Internet] New York City, US: Springer, Cham; 2020. Available from: https://doi.org/10.1007/978-3-030-63393-6_10 DOI: 10.1007/978-3-030-63393-6_10

Other Significant Products, Whether or Not Related to the Proposed Project

Certification:

I certify that the information provided is current, accurate, and complete. This includes but is not limited to current, pending, and other support (both foreign and domestic) as defined in 42 U.S.C. § 6605.

I also certify that, at the time of submission, I am not a party to a malign foreign talent recruitment program.

Misrepresentations and/or omissions may be subject to prosecution and liability pursuant to, but not limited to, 18 U.S.C. §§ 287, 1001, 1031 and 31 U.S.C. §§ 3729-3733 and 3802.

Certified by Thayer, Jana in SciENcv on 2024-10-09 18:09:42