

NAISE Workshop on
MICROELECTRONICS

April 21, 2023

NAISE HQ – Hogan Building, Suite 1160, 2205 Tech Drive, Evanston, IL, 60208

FINAL AGENDA

Central Time

08:45AM – 09:00AM	Registration & Light Breakfast
09:00AM – 09:15AM	Welcome & Introduction to NAISE Begum Gulsoy, Northwestern / NAISE
09:15AM – 09:30AM	ANL Microelectronics Efforts & Capabilities Amanda Petford-Long, Argonne / NAISE
09:30AM – 09:45AM	Washington D.C. Perspective on Microelectronics Julia Rowe, Northwestern
09:45AM – 09:55AM	Open Discussion
09:55AM – 10:00AM	Introduction of Sessions I-IV Charudatta Phatak, Argonne / NAISE Pedram Khalili, Northwestern
10:00AM – 10:15AM	Coffee Break
10:15AM – 10:45AM	Session I: Workforce Development David Zaretsky, Northwestern
10:15AM – 11:30AM	Session II: Materials Discovery & Characterization Pedram Khalili, Northwestern Charudatta Phatak, Argonne / NAISE Wei Chen, Northwestern James Rondinelli, Northwestern / NAISE Daniel Durham, Argonne Mark Hersam, Northwestern / NAISE Yue Cao, Argonne Eleonora Isotta & Jeffrey Snyder & Oluwaseyi Balogun, Northwestern Michael Bedzyk, Northwestern / NAISE Bruce Buchholz, Northwestern (virtual) Mathew Metz, Intel (virtual)
11:30AM – 12:00AM	Open Discussion

12:00PM – 01:00PM	Lunch
01:00PM – 01:30PM	Session III: Circuits Seda Ogrenci, Northwestern / NAISE Kazumoto Yoshii, Argonne / NAISE Antonino Micelli, Argonne Vinod Sangwan, Northwestern Jie Gu, Northwestern (virtual)
01:30PM – 02:00PM	Session IV: Integration Wilfred Haensch, Argonne (virtual) Hooman Mohseni, Northwestern Angel Yanguas-Gil, Argonne / NAISE Huihui Zhu, Northwestern & Edward Sargent & Mercouri Kanatzidis, Northwestern / NAISE Steven Slivken, Northwestern Lincoln Lauhon, Northwestern Jeffrey Klug, Argonne
02:00PM – 02:30PM	Open Discussion
02:30PM	<i>Adjourn</i>