Track B: Future of Work at the Human-Technology Frontier

**Al-Based Decision Support for Linking Workers with Future Jobs and for Planning Work Transition and Career Pathways**  
Nihar Mahapatra, Michigan State University

**Empowering a digital technology workforce through alignment and coordination of upskilling and reskilling opportunities**  
Laura I. Cardenas-Navia, Business-Higher Education Forum

**DIRECT: A Framework for Diagnosis, Recommendation, and Training in Continuous Workforce Development**  
Beverly P. Woolf, University of Massachusetts Amherst

**A Universal Framework of Micro-credentials for Nation-wide Employment**  
Samuel Abramovich, SUNY at Buffalo

**Unpacking the Technology Career Path**  
Denis Nekipelov, University of Virginia

**Toward Fair, Ethical, Efficient, and Trustworthy Crowdsourcing Platforms to Support Crowdworkers in Jobs of the Future**  
Chuan Yue, Colorado School of Mines

**Empowering Neurodiverse Populations for Employment through Inclusion AI and Innovation Science**  
Nilanjan Sarkar, Vanderbilt University

**Al-Enabled Personalized Training for Displaced Workers in Materials Supply Chain**  
Xiaoli Zhang, Colorado School of Mines

**Safe Skill-Aligned On-The-Job Training with Autonomous Systems**  
Siddharth Srivastava, Arizona State University

**Smart Platform of Personalized Learning, Assessment and Prediction for Future Career Training of Skilled Workers**  
Aidong Lu, University of North Carolina at Charlotte

**Preparing the Future Workforce of Architecture, Engineering, and Construction for Robotic Automation Processes**  
Shahin Vassigh, Florida International University

**Upskilling for Future Jobs through NLx Talent Demand Data**  
Charlie G. Terrell, Center for Employment Security Education and Research

**Skill-LeARn: Affordable Augmented Reality Platform for Scaling Up Manufacturing Workforce, Skilling, a**  
Karthik Ramani, Purdue University

**Developing Intelligent Technologies for Workforce Empowerment: Credential Gap Diagnostics and Personalized Recommenders for Jobs and Retraining**  
Huiling Ding, North Carolina State University
Learning Environments with Advanced Robotics for Next-generation Emergency Responders (LEARNER)
Joseph L. Gabbard, Virginia Polytechnic Institute and State University

Unlocking the Power of Data and Science to Empower American Workers
Justine S. Hastings, National Bureau of Economic Research Inc.

Rapid Dissemination of AI Microcredentials through Hands-on Industrial Robotics Education
Ross Higashi, Carnegie-Mellon University

Competency Catalyst
Myk Garn, Georgia Tech Research Corporation

Connecting Indiana's Learn-And-Work Ecosystem
Jeffrey D. Grann, Credential Engine, Inc.

Prepare the US labor force for future jobs in the hotel and restaurant industry: A hybrid framework and multi-stakeholder approach
Yan A. Huang, University of Central Florida

Fostering a Diverse AI Workforce
Augustin Chaintreau, Columbia University