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

Analytics-Driven Accessible Pathways to Impacts-Validated Education (ADAPTIVE)
Katy Borner, Indiana University

AI-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

AI-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