NATIONAL ACADEMIES *Sciences Engineering Medicine*

AMERICAN PSYCHOLOGICAL ASSOCIATION

HUMAN FACTORS and ERGONOMICS SOCIETY

SHRM

With rapidly changing technologies, the U.S. will be required to retool millions of workers with the skills needed to survive in the evolving workforce. The re-tooling that will be required will be greatly impacted by the type of worker and skills needed, and whether the worker needs to be reskilled, upskilled, or trained for a new skill. Companies must re-examine how they identify, onboard, and train workers on the frontline and examine ways to ensure that they will continue to be successful as AI has the potential to become a major partner in their job. This is the fourth webinar in a four-part series that focuses on the future of work and AI. The first three were centered on the academic and research perspectives. This webinar examines the challenges and opportunities from organizations and employees who need to apply AI tools.

This event is sponsored by the National Academies' Board on Human-Systems Integration (BOHSI), in conjunction with the American Psychological Association (APA), the Human Factors and Ergonomics Society (HFES), and the Society for Human Resource Management (SHRM).

Stuart Elliott, Ph.D., leads the AI and the Future of Skills project at the Organisation for Economic Co-operation and Development, which is developing measures of AI capabilities to help policymakers and the public understand how AI compares to human capabilities. He worked previously at the National Academies of Sciences, Engineering, and Medicine where he led studies on educational tests and indicators, assessment of science and 21st century skills, applications of information technology, occupational preparation and certification, and measuring productivity. He holds a B.A. in Economics from Columbia University, a Ph.D. in Economics from the Massachusetts Institute of Technology, and received postdoctoral training in Cognitive Psychology at Carnegie Mellon University.

Susan Scott-Parker is an internationally recognized thought leader who has made a career from challenging outdated assumptions regarding both disability as it affects business and the potential of responsible business to adapt respectfully for human reality. She founded the first business disability network, now BDF UK and Business Disability International, and is Strategic Advisor to the ILO Global Business & Disability Network – which recently launched their new Self-Assessment tool, while acknowledging her crucial contribution as Strategist and Content Architect. In 2003 Susan invented the concept and language of 'Disability Confidence' – knowing that if we can change the way we talk about the world, we make it easier to change the world. Her work is distinctive in its aim to deliver practical, tangible mutual benefit for business, people with disabilities, the global economy, and wider society. Susan founded the 'Disability Ethical AI' campaign alongside Atos, IBM, Simmons & Simmons, the European Disability Forum, New York University and Goldsmiths College, to address the risks to the life chances of hundreds of millions triggered by the use of AI powered HR Technology.

Jorge Tamayo, Ph.D., is an assistant professor of business administration in the Strategy Unit at Harvard Business School. He teaches the Corporate Strategy course in the second year of the MBA and co-lead the Digital Reskilling Lab at Harvard Business School. Professor Tamayo is an applied microeconomist primarily interested in strategy for multi-unit business organizations. His research focuses on theoretical modeling and structural estimation of firm decision-making and productivity. Professor Tamayo earned his Ph.D. in economics from the University of Southern California. He has a B.A. in economics and an M.S. in applied mathematics from Eafit University in Medellin, Colombia.