



CHICAGOLAND

Chapter Meeting – November 10, 2022



Topic: Future of Workforce

Presenter: Dejan Milojicic

Distinguished technologist & director Hewlett Packard Labs

Presentation Site: Onsite Actalent + Online

Agenda: 6:30 - 7:00 PM CT - Announcements & Introductions

7:00 - 7:15 PM CT - Working Group Update, Dale Brown Co-chair INCOSE Transportation WG

7:15 - 8:15 PM CT - Feature Presentation and Q&A

Abstract

The pandemic has created STRESS on current existence, values, and daily lives, global work organization, privacy vs. societal benefits, supply chain logistics and much more. Acceleration of the Digital Transformation was forced upon work, education, and private life. In many cases, it was not an acceleration, rather a Digital Crutch that will be discarded as soon as conditions allow. In other cases, change will stay with us well beyond the pandemic. Technologies increasingly play a crucial role and are becoming essential for our survival. Predicting Future of Workforce (FoW) help address the pandemic, but it goes well beyond that. It helps rebalancing the workforce demand and supply, work-life balance, ecological, economical and social changes we undergo.

This presentation discusses issues and technologies that impact the future of the workforce at the corporate and regional scale as well as effects on individuals. The panel addresses personal technologies, automation, technology infrastructure, and security. Outcomes from 10 globally held workshops engaging high-profile individuals from industry, government, and academia are presented, predicting the direction of how the workforce will evolve due to pandemics and beyond. Recommendations to industry, legislators, academia, and professional organizations to consider when planning for the future of workforce are discussed.

About Our Speaker

Dejan Milojicic is a distinguished technologist at Hewlett Packard Labs, Milpitas, CA. He leads research on Future Architectures and is the Principal Investigator of the Heterogeneous Serverless Computing that spans all Hewlett Packard Labs. Earlier he has led the software of the Dot Product Engine, an in-Memory AI accelerator. In his lengthy HP(E) career, he contributed to numerous research efforts spanning software, distributed computing, systems management, and HPC. Dejan led large industry-government-academia collaborations, such as Open Cirrus for the HPC in Cloud program and New Operating System for The Machine program. Dejan has written over 200 papers, 2 books and 79 patents. Dejan is an IEEE Fellow, ACM Distinguished Engineer, and HKN and USENIX member. Dejan was on 8 PhD thesis committees, and he mentored over 50 interns. He founded and taught Cloud Management class at San Jose State University.

Dejan was president of the IEEE Computer Society (2014), IEEE presidential candidate (2019), editor-in-chief of IEEE Computing Now and IEEE Distributed Systems Online and he has served and continues to serve on many editorial boards, technical program committees and steering committees. Previously, Dejan worked in the OSF Research Institute, Cambridge, MA and Institute "Mihajlo Pupin", Belgrade, Serbia. He contributed to novel systems software and parallel and distributed systems that were deployed throughout Europe. Dejan received his Ph.D. from the University of Kaiserslautern, Germany; and his MSc/BSc from Belgrade University, Serbia.

Questions? For more information, go to <http://www.incose.org/Chicagoland/>.

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Register online: <https://incosechicagoland-2022-11.eventbrite.com>

For more information, go to <http://www.incose.org/Chicagoland/>.