

発表者プロフィール / Presenter Profile



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プロフィール Profile

自己紹介/Self-introduction

Yingting Chen is a Ph.D. student at the Department of Systems Innovation, School of Engineering, The University of Tokyo. Her work focuses on the cognitive process of problem-solving and creativity. Prior to joining The University of Tokyo, Yingting was a consultant and a Design Thinking Coach at IBM GBS. She received her bachelor's degree in Systems Engineering and Engineering Management from The Chinese University of Hongkong.

研究分野について/About study field

Cognitive Systems Engineering: Cognitive Systems Engineering is a professional discipline that uses systematic methods of cognitive analysis and cognitive design to ensure that cognitive work is both efficient and robust. The aim is amplify and extend the human capability to know, perceive, decide, plan, act and collaborate by integrating system functions with the cognitive processes they need to support.

視聴者へのメッセージ Message to viewers

The concept of Complex Problem Solving (CPS) as a new cognitive science area was initially introduced by Doner 30 years ago. It was not until recently that the verdicts of CPS studies were gradually being applied in business training. This research aims at translating lab findings into light-weighted cognitive-oriented guidelines. The content will be interesting to you if you are interested in the cognitive process in problem-solving. The major part of contents in this presentation was previously presented in LIFETECH 2021.