Assistant Professor (Research) LI, YU TING

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Academic Qualification:

Ph.D., Macau University of Science and Technology, Macao, 2021
M.E., Xidian University, Shanxi, China, 2018
M.S., Aix-Marseille University, Marseille, France, 2017
B.E., Xi'an University, Shanxi, China, 2015

Teaching Area

Logic and Computer Design Fundamentals
Signals and Systems

Research Area

State Estimation and Fault Diagnosis of Discrete Event Systems
Petri Net Theory and Applications

Working Experience

2024 - Present, Assistant Professor, Department of Engineering Science, Macau University of Science and Technology

Academic Publication（selected）

Yuting Li, Christoforos N. Hadjicostis, Naiqi Wu, Zhiwu Li, "Error-and tamper-tolerant state estimation for discrete event systems under cost constraints," IEEE Transactions on Automatic Control, vol. 68, pp. 6743-6750, 2023.

Yuting Li, Li Yin, Yufeng Chen, Naiqi Wu, "Optimal Petri net supervisor synthesis for forbidden state problems using marking mask," Information Sciences, vol. 505, pp. 183-197, 2019.

Yi Wang, **Yuting Li**, Zhenhua Yu, Naiqi Wu, "Supervisory control of discrete-event systems under external attacks," Information Sciences, vol, 562, pp. 398-413, 2021.

Yufeng Chen, **Yuting Li**, Zhiwu Li, Naiqi Wu, "On optimal supervisor design for discrete event systems modeled with Petri nets via constraint simplification," IEEE Transactions on Systems, Man and Cybernetics: Systems, vol. 52, pp. 3404-3418, 2021.

Yuting Li, Christoforos N. Hadjicostis, Naiqi Wu, "Error- and tamper-tolerant decentralized diagnosability of discrete event systems under cost constraints," European Control Conference, pp. 42-47, 2021.

Yuting Li, Christoforos N. Hadjicostis, Naiqi Wu, "Tamper-tolerant diagnosability under bounded or unbounded