

Distinguished Lecture Report: Prof. MengChu Zhou

On 15 September 2026, the IEEE SMC Portsmouth Chapter hosted a Distinguished Lecture by Prof. MengChu Zhou from the New Jersey Institute of Technology (NJIT), USA.

The talk was entitled “Student-Centered Knowledge Distillation with PID Control and Fuzzy Strategy”. Prof. Zhou introduced the motivation behind knowledge distillation and discussed some of the limitations of existing approaches. He then presented his recent work on student-centred knowledge distillation, where the learning needs of the student model are taken into account during knowledge transfer. The talk also covered the use of PID control and fuzzy strategies to improve the learning process and reduce knowledge forgetting.

Towards the end of the talk, Prof. Zhou discussed several future research directions, including cross-architecture knowledge distillation for large language models and data-free knowledge distillation.

The lecture was delivered in a hybrid format, with more than 50 participants joining online and in person at the University of Portsmouth. The talk was followed by discussion with the audience.

The IEEE SMC Portsmouth Chapter would like to thank Prof. Zhou for giving the lecture, everyone who joined the event, and the IEEE Systems, Man, and Cybernetics Society for its support and funding for this Distinguished Lecture.



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Student-Centered Knowledge Distillation with PID Control and Fuzzy Strategy

MengChu Zhou, Ph.D. & Dist. Professor
Fellow of IEEE, IFAC, AAAS, CAA and NAI
New Jersey Institute of Technology
zhou@njit.edu

Collaborators
Shunzhi Yang, Jinfeng Yang, and Zhenhua Huang

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BZ Bochen Z... VO Victor's N... ZJ Zhaojie Ju... Chonggu C... 杨开强 (L...) 傅科名 (L...) Fireflies.ai GB Guo Bao... J Jintata (E... L Lianchunhua@gmail.com

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Dongqin Gao

