國立陽明交通大學
NATIONAL YANG MING CHIAO TUNG UNIVERSITY

運用**AI**於可靠度之研究

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講者背景：

Enrico Zio received the MSc degree in nuclear engineering from Politecnico di Milano in 1991 and in mechanical engineering from UCLA in 1995, and the Ph.D. degree in nuclear engineering from Politecnico di Milano and in probabilistic risk assessment at MIT in 1996 and 1998, respectively. He is currently full professor at the Centre for research on Risk and Crises (CRC) of Ecole de Mines, ParisTech, PSL University, France, and full professor and President of the Alumni Association at Politecnico di Milano. He is distinguished guest professor and adjunct professor at various universities around the world, and invited lecturer at various Master and PhD Programs in Italy and abroad. He is the past chairman of the European Safety and Reliability Association (ESRA) and present President of the International Association of Probabilistic Safety Assessment and Management (IAPSAM).

His research focuses on the modeling of the failure-repair-maintenance behavior of components and complex systems, for the analysis of their reliability, maintainability, prognostics, safety, vulnerability, resilience and security characteristics, and on the development and use of Monte Carlo simulation methods, artificial intelligence techniques and optimization heuristics. He is author and co-author of seven books and more than 500 papers on international journals, Chairman and Co-Chairman of several international Conferences, associate editor of several international journals and referee of more than 20.

主辦單位 ｜ 工業工程與管理學系

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講座時間 ｜ 2024 年 12 月 05 日 13：30

講座地點 ｜ 管理二館 MB 607