



● Personal information

Name : Chueng-Chiu Huang

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● Education

1987/9- 1991/12 Georgia Institute of Technology
Ph.D. Industrial & System Engineering
Specialization: Stochastic Scheduling.

1985/9 – 1987/5 Columbia University
M.S. Operations Research.

1978 – 1982 National Chung-Kung University
B.A. Industrial Management.

● Experience

- Associate Professor
 - ✧ Conducted extensive research in scheduling, simulation, decision support systems development for real time reacting the shop flow information, and Supply Chain Management, Multi Sites Logistics Management.
 - ✧ Served as a consultant for TFT, PCB, IC, MEMS, Steel/Cable manufacturing companies.
- Consultant of :
 - ✧ Ofuna, FSP, KK Paper, BPower, United Microelectronics Corporation, Walsin Lihwa Corporation, Touch Micro-System Technology, Tatung Corporation, plastic 塑膠 地磚 tile till

● Expertise

- Deep expertise in B2B enterprise applications and business modeling.
- Consultant experience for PCB, IC, Steel & Cable manufacturing industry.
- Knowledgeable on scheduling related area as Production Scheduling, Supply Chain Management, Data & vehicle traffic control, and improvement of the utilization of equipment or facilities under constrained situation.



- Expert with performance evaluation technique of queuing models as production units or ATM switch and dynamic controlling factors.

● Research Outcomes

(1) Journal Paper

- 黃遵鉅, "流程工廠中 M 台機械最短逗留時間之排序," Journal of the Chinese Institute of Industrial Engineers, Vol. 13, No. 3, pp. 257-261, 1996
- 黃遵鉅, "對 Play-the-Winner 抽樣規則機率分配函數之研究," Journal of the Chinese Institute of Industrial Engineers, 1996
- 黃遵鉅, "分離合併式有限緩衝區等候網路之研究," Journal of the Chinese Institute of Industrial Engineers, Vol. 12, No. 2, pp. 97-101, 1995
- 黃遵鉅, "Exact Product Form Solution for Queueing Networks with Finite Capacity," Journal of the Chinese Institute of Industrial Engineers, Vol. 12, No. 3, pp. 163-170, 1995
- Huang Chueng-Chiu, Gideon Weiss, "Preemptive Scheduling of Stochastic Jobs with A Two-Stage Processing Time Distribution on M+1 Parallel Machines," Probability in the Engineering and Informational Sciences., Vol. 6, pp. 171-191, 1992
- Huang Chueng-Chiu, Gideon Weiss, "Scheduling Jobs with Stochastic Processing Times and Due Dates to Minimize Total Tardiness," Commun. Statistic.- Stochastic Models, Vol. 8, No. 3, pp. 529-541, 1992
- Huang Chueng-Chiu, Gideon Weiss, "On the Optimal Order of M Machines in Tandem," Operations Research Letters, Vol. 9, pp. 299-303, 1990

● Research Outcomes

(2) Published Book

- 精實生產模型 2010
- 系統開發
- Advance Factory System 2004 -
- DSST Manufacturing Execution System 2008 -
- Dynamic Simulated Scheduling Technique 2003 -