

R&D Lecture Series

Reveal & Discovery Lecture Series is a program created with the aim to disseminate the knowledge gained by the researchers in CREST funded R&D projects to industries and academia community in the E&E ecosystem. This highly interactive program is conducted by the researchers in the form of workshops and seminars and covers in-depth technical findings from the research projects. Participants will be guided through the methodology of the project with opportunities for hands-on demonstration on the equipment and software. The session provides platform to discuss on the potential application of the research findings and further advancement of research in the field to benefit other industry and academic partners in the E&E ecosystem.

SILTERRA

SilTerra Case Study: Manufacturing Scheduling Systems for Effective Cycle Time and Optimum Output

2nd September 2015 | 10.00am-4.00pm

CREST Place

sains@usm, Block A, 1st Floor, No. 10 Persiaran Bukit Jambul, 19000 Bayan Lepas, Penang



Includes session with
APPLIED MATERIALS
on "Improving
Manufacturing
Predictability Through
Scheduling"



Speaker:

Dr. Mohd Azizi bin Chik

Senior Manager, Industrial Engineering Dept.
SilTerra Malaysia



Abstract: Wafer fabrication is widely known as a complex manufacturing process. Conventionally, the dispatching activity predominantly relied upon human decision to determine the suitable equipment of the product lot to be processed in the presence of multiple process options. The reliability and consistency of human decisions were largely depending on experience and intuition. A substantial amount of time could be saved if established routines are automated. This session is to share the process to develop Virtual Manufacturing Assistance (VMA) as an independent system to fully assume decision making tasks in dispatching for cycle time improvement and optimize the equipment utilization. It is successfully implemented and fully paid the investment cost within the target period.

Who should Attend ?

Engineers in manufacturing industries, researchers with interest in manufacturing and computer science, post graduate students.

Registration closes on 1st August 2015.

Seats are limited to 50 only! Click [HERE](#) to register now.