

## Colloquium

### Simulation for Computational Forensics using LS-DYNA

**主講人：**葉均承 教授

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**時 間：**109 年 10 月 23 日(五) 14 : 30

**地 點：**應用數學系多媒體教室(理 408 室)

**摘 要：**

The speaker uses the versatile software LS-DYNA as the platform to develop computational mechanics modeling and conduct supercomputer simulations and use it to reconstruct some explosion and implosion events. The speaker will introduce the work on the airplane bombing and submarine implosion. All the dynamic nonlinear implosion phenomena can be visualized by video animations obtained from our supercomputer simulations, which are also compared with an artistically rendered video animation or the real photographic evidence.

