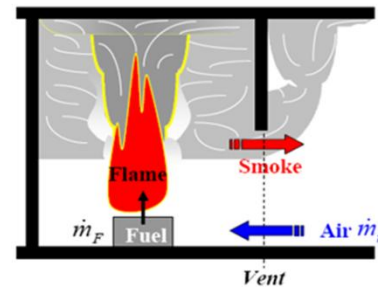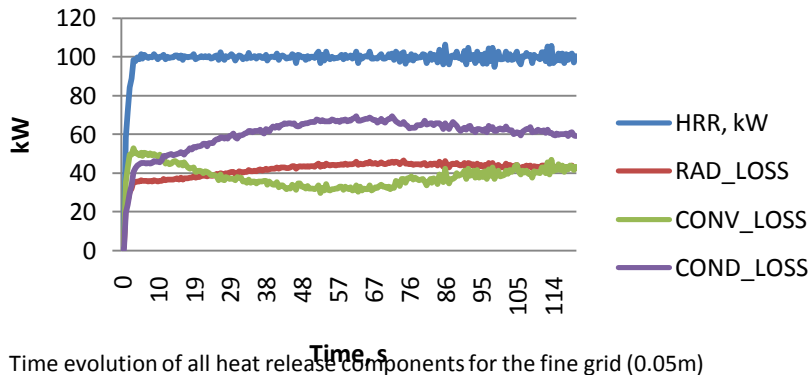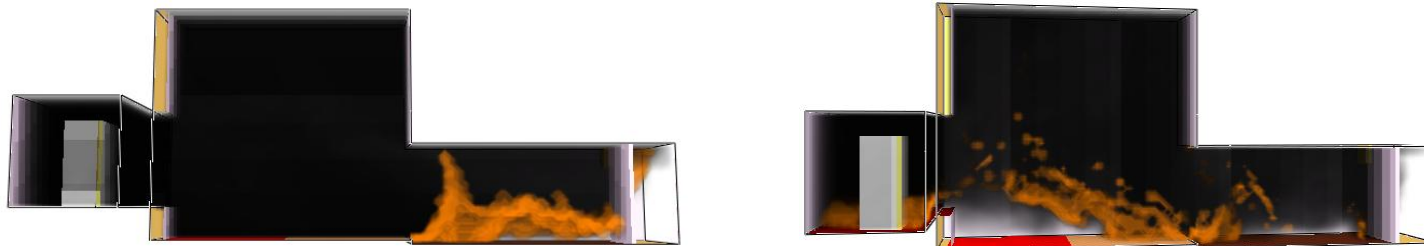- Fire Hazard Analysis
- Computer-Base Fire Modeling
- Computer-Base Evacuation Modeling/Smoke Management

$\Delta X=0.05$

Time evolution of all heat release components for the fine grid (0.05m)
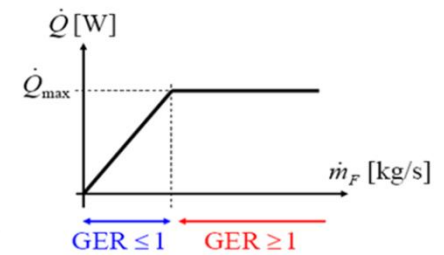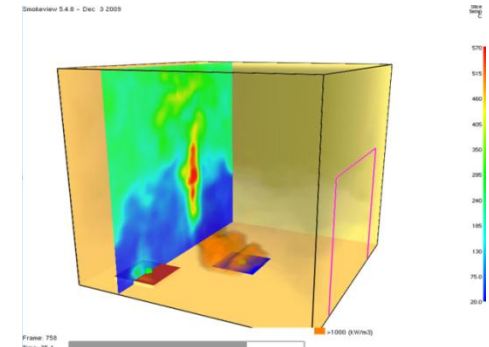
$$\dot{Q}_{max} = (Y_{O_2,m}\Delta H_{O_2}) \times 0.5 \times W_O H_O \sqrt{H_O}$$

Compartment fire and smoke modeling / simulation