



NON-PROFIT LIMITED LIABILITY COMPANY FOR
QUALITY CONTROL AND INNOVATION IN BUILDING

The logo for ccost features a white hexagonal icon with a stylized 'c' inside, followed by the word 'cost' in a white, lowercase, sans-serif font.

ccost

Integrated
Fire Engineering
and Response

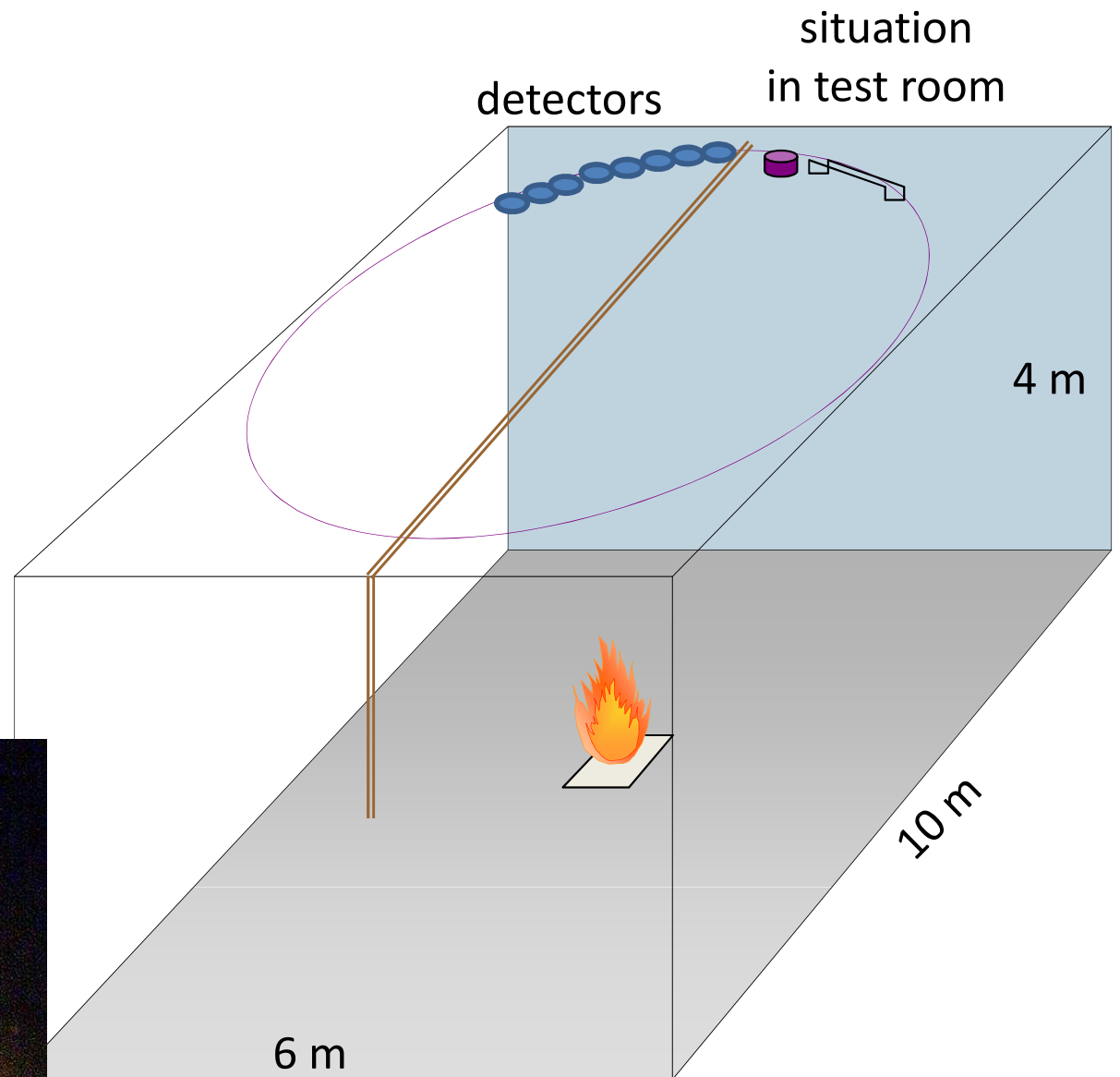
A decorative graphic in the top right corner of the slide shows a structure made of matchsticks. The matchsticks are arranged in a triangular, lattice-like pattern, with some matchheads visible at the joints. The background is a dark blue gradient.

Fire test or simulation new solution

László Szabó, testing engineer

FIRE TEST

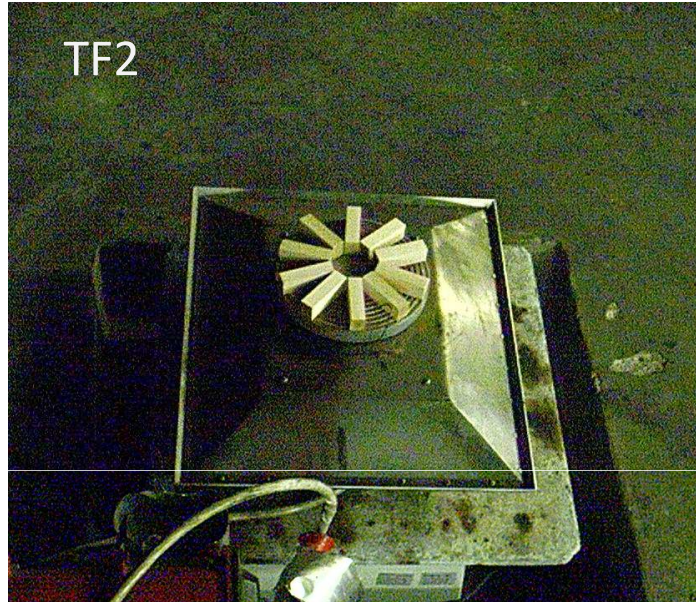
EN 54-9 / ISO 7240-9



TF1



TF2



TF3



Laboratory test room

disadvantage:

soot on the walls,

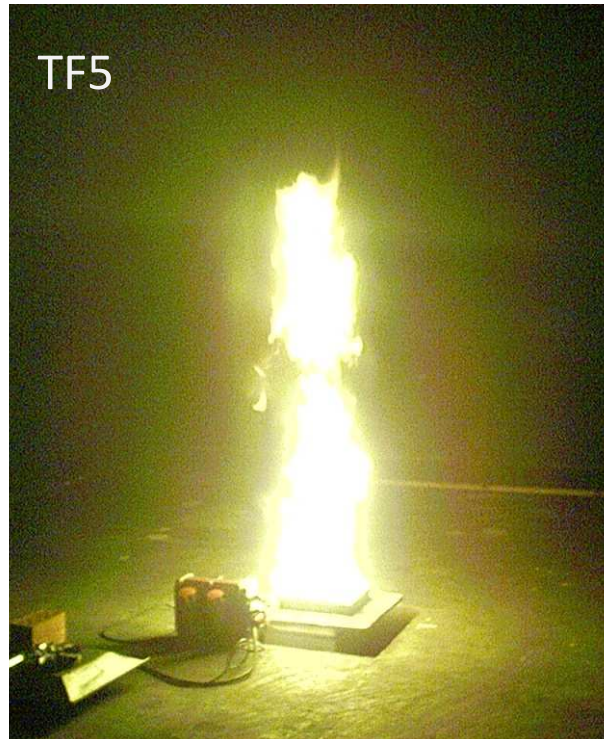
Dangerous smoke –

→ ventilation

TF4



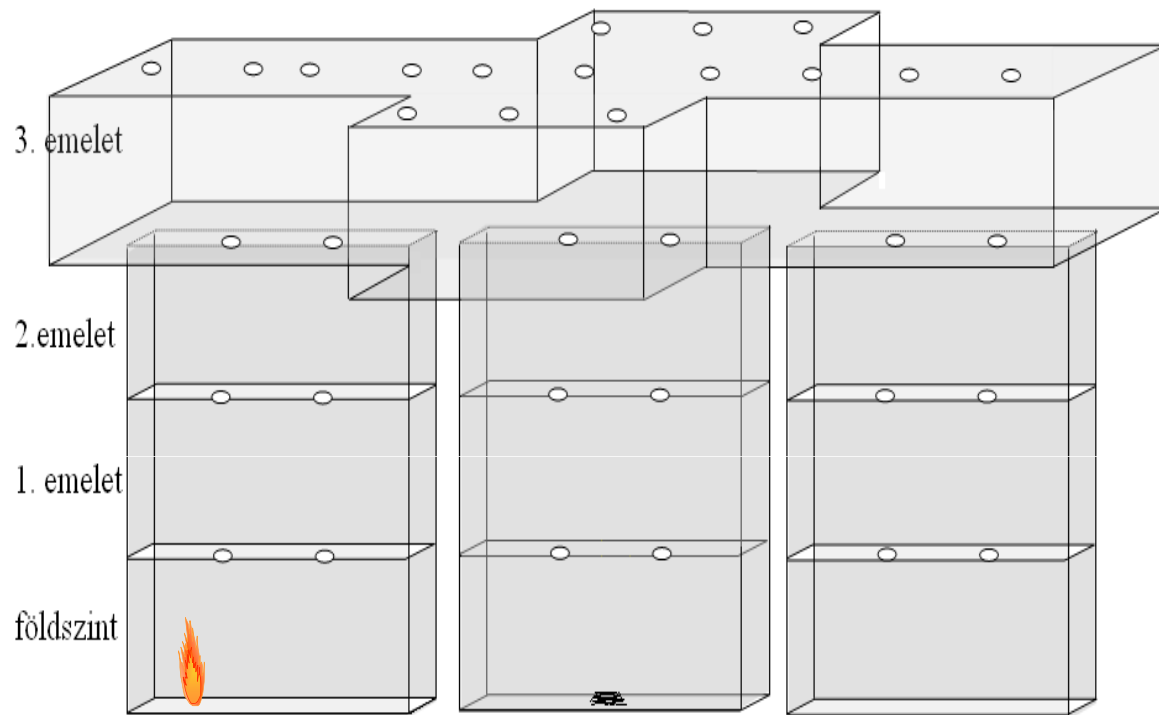
TF5



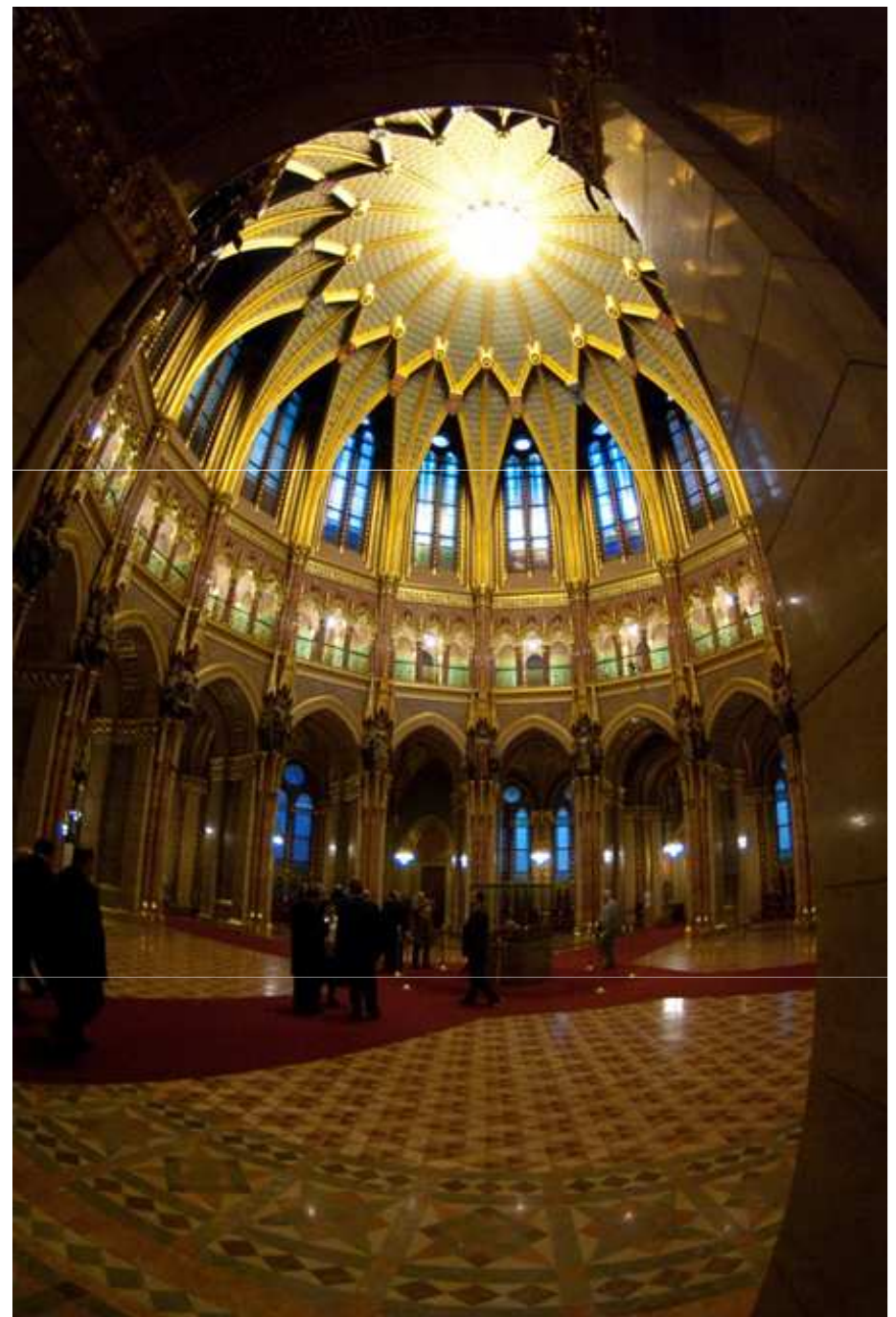
Building

eg.: sport arena (high, complicated ceiling)
nuclear power plant
monuments





... unusually
geometry, eg.:
industrial
building,
cupola



Problems with real testsimulation

- lot of preparation
- lot of organization
- Calibrated measuring equipments
- Fire material,
- **DANGEROUS**
- Smoke, Fire risk
- Test staff protection → gas mask, glasses, cloths...
- Once event
- Soot on the walls → painting



Advantage of SIMULATION

Repeatability,
„clean” work – at table





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Thank you for attention

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