

DANGER ALERT

DESMOFI

SMOKE



FIRE



TRANSPARENCY



Automatic detection of smoke and fire using CCTV streams.

The aim of the system is to increase safety by quickly and effectively alerting about the fire hazard. The system works on the basis of image analysis.

INNOVATION

- image based detection
- application of AI algorithms
- short reaction time
- a large area of activity
- calibration of thresholds and zones

BENEFITS

- a solution that integrates the detection of fire, smoke and transparency
- easy integration with existing monitoring systems
- lack of physico-chemical sensors

Implementation: Team under the leadership of Prof. dr hab. inż. Andrzej Dziecha.

Contact person: dr inż. Andrzej Matiołański
(matiolanski@kt.agh.edu.pl)

