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Time: 11:30 AM Location: Burke Building Theatre B

The chemistry of fire and fire suppression

ABSTRACT:

Combustion is the rapid exothermic oxidation of a material resulting in heat, light and various combustion products such as carbon dioxide and water vapour. Once we understand that it is a chemical reaction, we can look at ways to suppress fire. This talk is aimed at explaining a chemist's view of fire and flammability, as well as the chemistry used to suppress fire. Some real-life examples will be given.