Institution of MECHANICAL ENGINEERS

South Wales

Ammonia as a fuel?

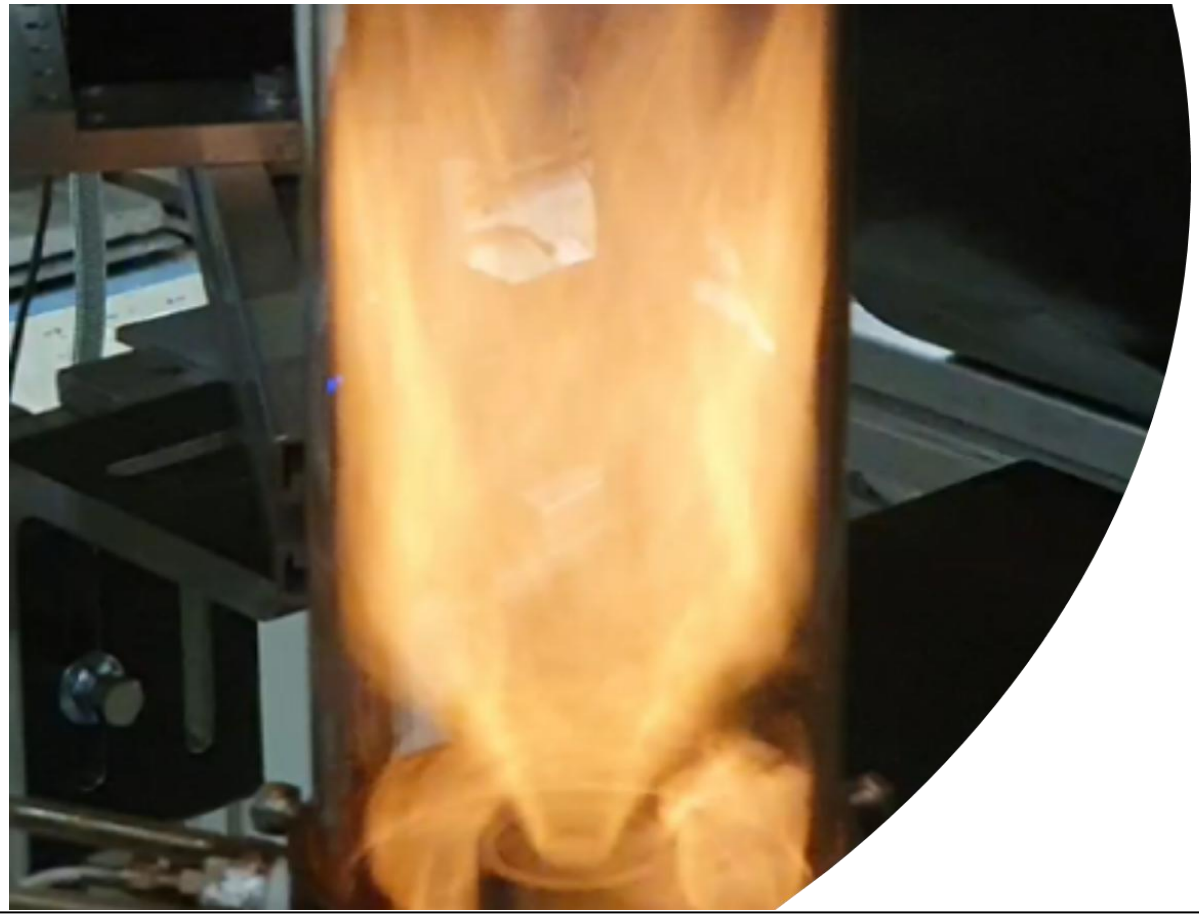
Ammonia for the deployment of a Zero-Carbon Economy

13th September 2022

The Holiday Inn, North M4, Jctn.32 Tongwynlais, Cardiff CF15 7LH

Lecture Start: 6.30pm
Refreshments buffet from 6.00pm

Speaker: Prof. Agustin Valera Medina, Director Net Zero Innovation Institute, Cardiff University



Ammonia has attracted both the attention and imagination of researchers, technologist and industries currently developing energy systems across the globe. As a potential storage medium of renewable energy, ammonia can deliver enough energy to support the decarbonization of the global economy. From research programs looking at the replacement of fossil fuels in the event of a fuel crisis to the current progress achieved towards the recovery of stranded renewable energy, ammonia promises a suitable solution to many applications that need large power outputs, or delivery of reactive blends to industrial locations, processes or transport activities off the grid.

For more information, please see our website for details:

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