

Kwalificaties

Mechanical engineering, Doctor, Laminar burning velocities of methane-hydrogen-air mixtures, Combustion Technology
Datum van toekenning: 22 okt. 2007

Onderzoeksoutput

The Heat Flux Method for hybrid iron–methane–air flames

Hulsbos, M. R. (Corresponding author), Hermanns, R. T. E., Bastiaans, R. J. M. & de Goey, L. P. H., aug. 2024, In: Combustion and Flame. 266, 14 blz., 113531.

Modelling of Turbulent Hydrogen Combustion including Preferential Diffusion Effects for Gas Turbine Applications

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Analyzing combusted iron powder using 3D x-ray vision

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Burning Velocity Measurements for Flat Hybrid Iron-Methane-Air Flames

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Iron Powders as Energy Carrier for Storage and Conversion of Renewables

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Projecten

Center of Excellence in Combustion

van Oijen, J. A. (Project Manager), Hermanns, R. T. E. (Projectmedewerker), Sanchez Bahoque, G. (Projectmedewerker) & Guhathakurta, S. (Projectmedewerker)
1/10/20 → 31/12/23

IDEALFUEL: Lignin as a feedstock for renewable marine fuels

Somers, L. M. T. (Project Manager), Hermanns, R. T. E. (Projectmedewerker), Maes, N. C. J. (Projectmedewerker) & Di Matteo, A. (Projectmedewerker)
1/05/20 → 30/04/24

Living Lab Metal Power

de Goey, L. P. H. (Project Manager), van Rooij, N. E. (Projectmedewerker), Shoshyn, Y. L. (Projectmedewerker), Hermanns, R. T. E. (Projectmedewerker), Krugers, J.-P. (Projectmedewerker) & de Goey, L. P. H. (Projectmedewerker)

1/09/19 → 31/12/23

Stable high hydrogen low NOx combustion in full scale gas turbine combustor at high firing temperatures 101101462
van Oijen, J. A. (Project Manager), Bastiaans, R. J. M. (Projectmedewerker), Hermanns, R. T. E. (Projectmedewerker),
Schepers, S. N. J. (Projectmedewerker) & van Dongen, E. M. W. M. (Projectmedewerker)
1/03/23 → 28/02/27

Towards a full multi-scale understanding of zero-carbon metal fuel combustion
de Goey, L. P. H. (Project Manager), van Gool, C. E. A. G. (Projectmedewerker), Thijs, L. C. (Projectmedewerker), Prime,
H. (Projectmedewerker), Hameete, J. (Projectmedewerker), Abdallah, M. (Projectmedewerker), Ramaekers, W. J. S.
(Projectmedewerker) & Hermanns, R. T. E. (Projectmedewerker)
1/10/20 → 30/09/25

Vergroening van Gas (VG)2
de Goey, L. P. H. (Project Manager), Bastiaans, R. J. M. (Projectmedewerker) & Hermanns, R. T. E. (Projectmedewerker)
1/10/01 → 31/12/07