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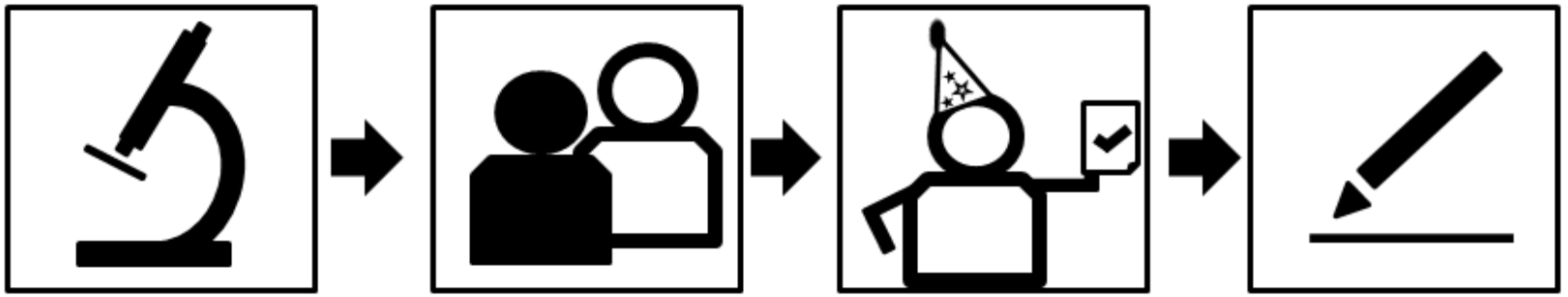

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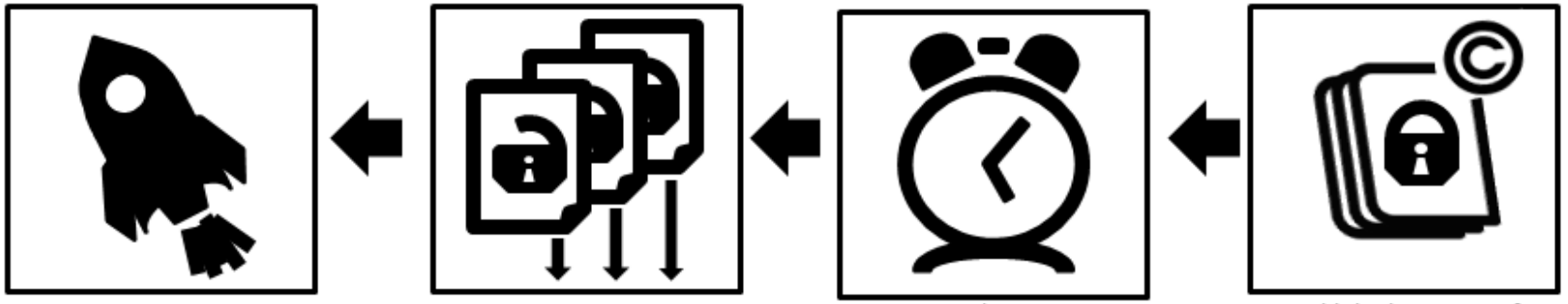

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Why open access?

HEFCE's GREEN OPEN ACCESS POLICY

Deposit accepted manuscript (post-print) of all journal articles and conference papers to Pure within three months of acceptance

Articles must be made open access within 12 months (STEM) to 24 months (SS&H) of publication

Non-compliant papers will be given an unclassified score

More info: http://go.qub.ac.uk/REFOpenAccess

AUTHOR'S FINAL ACCEPTED-MANUSCRIPT

- Also known as post-print
- Author's final draft, after changes from peer-review have been incorporated
- Usually a Word/text document
- No publisher formatting (logos, header, footer, pagination, etc.)

Ambient temperature hydrocarbon selective catalytic reduction of NO_x using atmospheric pressure non-thermal plasma activation of a Ag/Al_2O_3 catalyst

Cristina E. Stere[1], Wameedh Adress[2], Robbie Burch[1], Sarayute Chansai[1], Alexandre Goguet, William G. Graham*[2], Fabio De Rosa[1,3], Vincenzo Palma[3]and Christopher Hardacre*[,1]

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Abstract

Atmospheric pressure non-thermal plasma activated catalysis for the removal of NO_x using hydrocarbon selective catalytic reduction has been studied utilising toluene and *n*-octane as the hydrocarbon reductant. When the plasma was combined with an Ag/Al_2O_3catalyst a strong enhancement in activity was observed when compared with conventional thermal activation with high conversions of both NO_x and hydrocarbons obtained at temperature ≤250 °C, where the silver catalyst is normally inactive. Importantly, in the absence of an external heat source, significant activity was obtained at 25 ºC. This low temperature activity provides the basis for applying non thermal plasmas to activate emission

FURTHER GUIDANCE: EVIDENCE OF ACCEPTANCE

- HEFCE have indicated that they will not check 100% of submissions for compliance—will likely rely on spot checking.
- What will Research & Enterprise require as evidence of acceptance?
  - May begin to require authors to upload proof of acceptance
- Further guidance and system updates to come pre-2016
- In the mean time: start good habits and deposit your papers to Pure on acceptance

HOW TO: DEPOSIT TO PURE

LOGIN: **http://pure.qub.ac.uk/admin**

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(database)

Publications & open access full-text

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(public institutional repository)

http://pure.qub.ac.uk/portal

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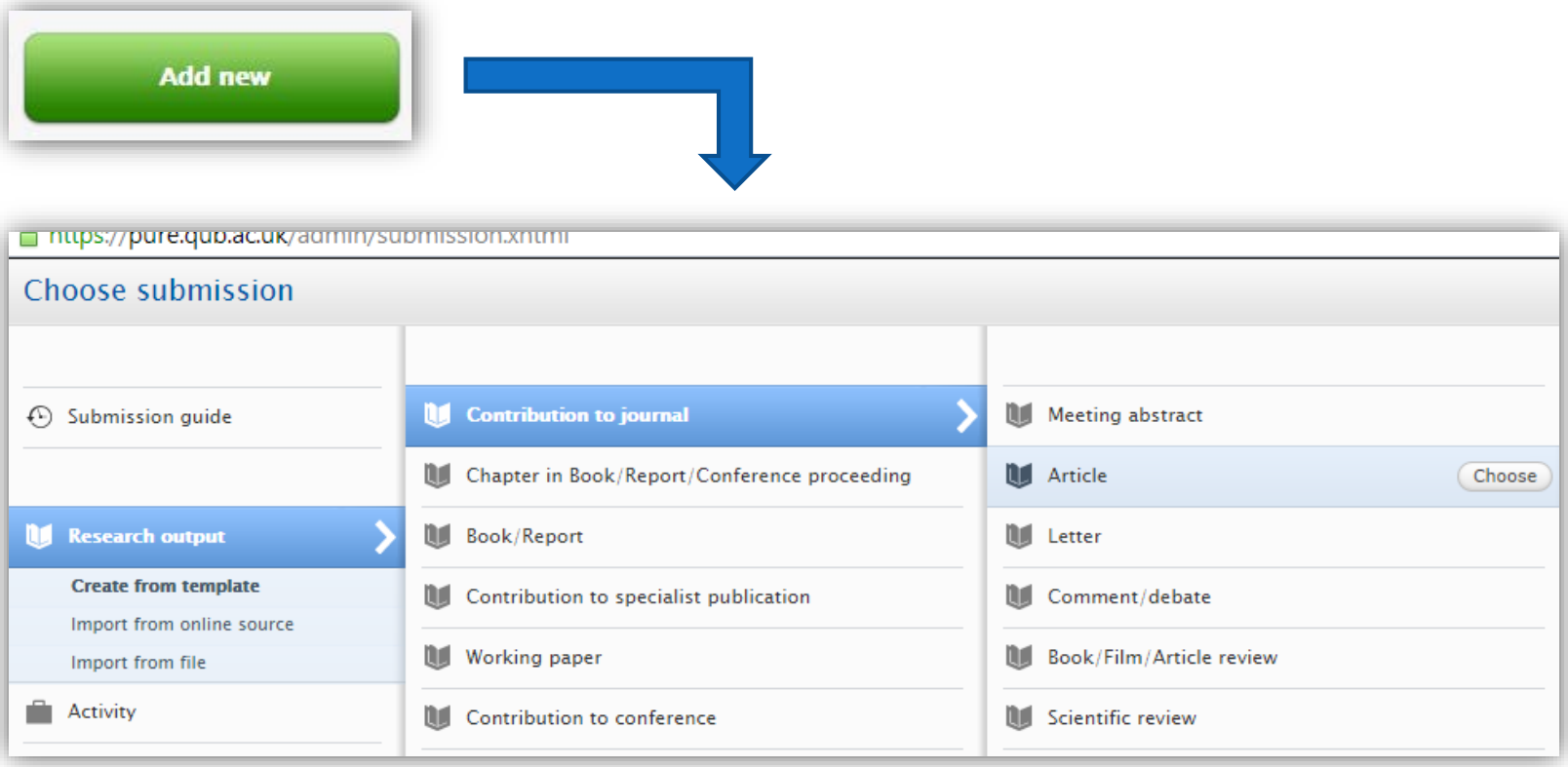

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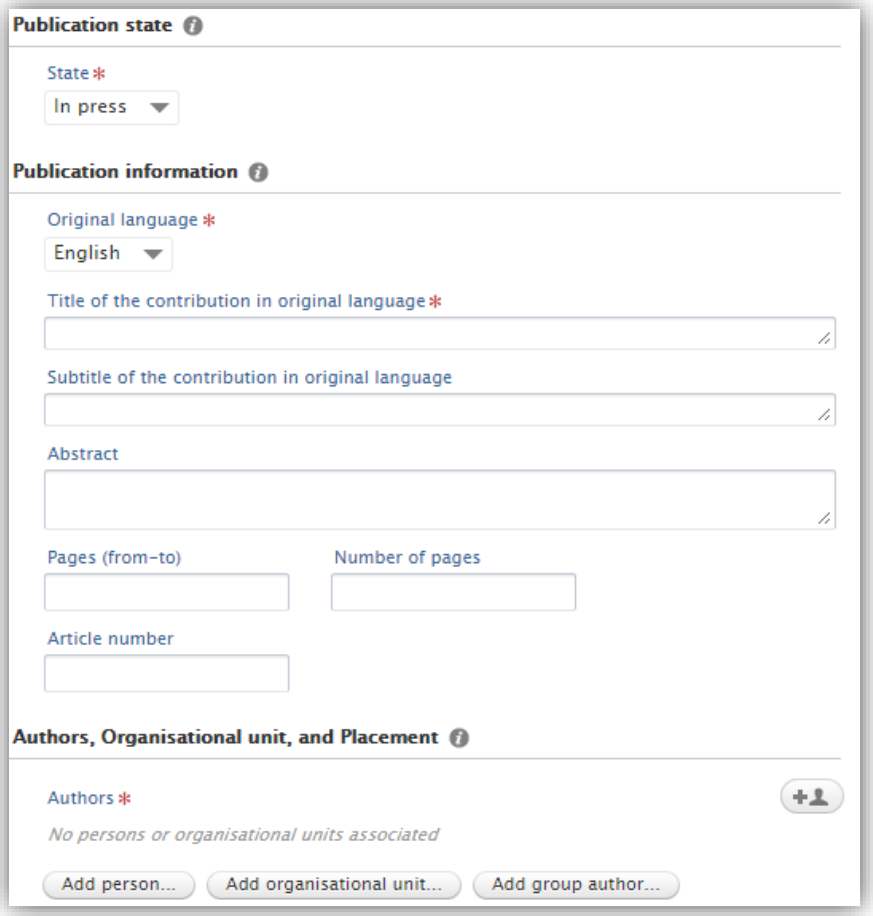

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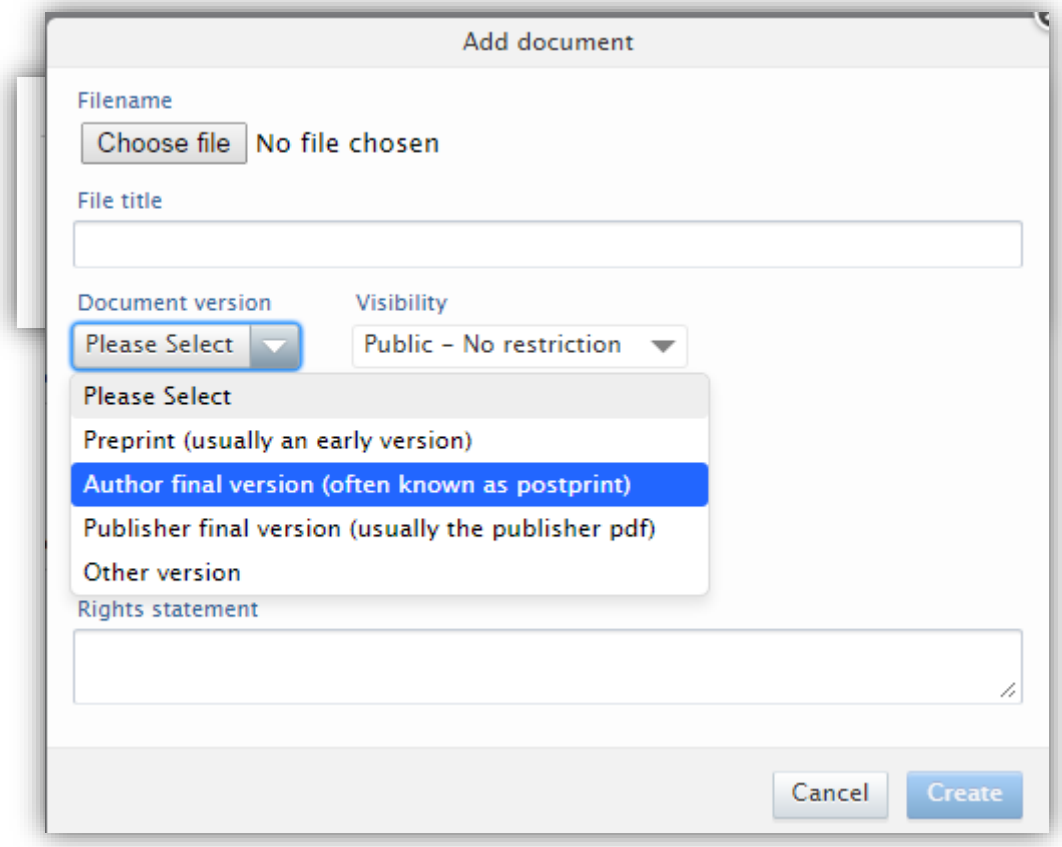

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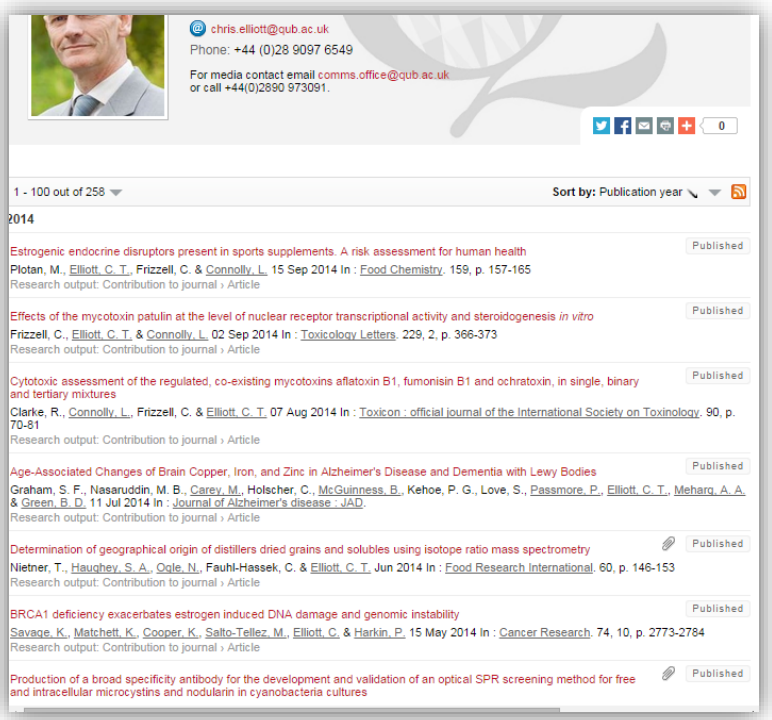

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