

PhD Studentship (3 years)

Biomass pyrolysis and upgrading

Applications are invited for a three year PhD studentship, supported by the European Commission through the DIBANET project to be undertaken within the [Bioenergy Research Group](#) (BERG) in Chemical Engineering and Applied Chemistry at Aston University. BERG is a founder member of the European Bioenergy Research Institute at Aston. The successful applicant will join an established experimental group working on biomass fast pyrolysis.

The position is available to start in July or October 2010 (subject to negotiation)

Financial Support

Support will be provided at the standard EPSRC rate, currently £13,290 per year with the corresponding standard EPSRC increases in subsequent years. Tuition fees will also be paid by the research project.

Background of the Project

The project is funded by the European Commission through the DIBANET project - The Production of Sustainable Diesel-Miscible-Biofuels from the Residues and Wastes of Europe and Latin America. The research involves experimental fast pyrolysis of biomass and residues and the upgrading of the resultant gas and liquid products into marketable biofuels.

Person Specification

Due to the nature of the funding, this position is only open to suitably qualified engineers or scientists from Latin American countries with citizenship of one of these countries. The successful applicant should have a first class or upper second class honours degree, or an equivalent qualification from a Latin American country with excellent GPA/Grades. This qualification should be in chemical engineering, applied chemistry or a relevant discipline such as mechanical engineering. Evidence of a high level of proficiency in both written and spoken English is also essential and should be demonstrated by achieving the minimum English Language entry requirements as specified on the [Aston University website](#)

For informal enquiries about this position contact Professor AV Bridgwater by email at:

a.v.bridgwater@aston.ac.uk

Application forms, reference forms and details of entry requirements, including English language are available at <http://www1.aston.ac.uk/eas/research/prospective-research-students/how-to-apply/>

Please send your completed application form with at least two academic references and a full CV to:

Professor AV Bridgwater

Aston University

Birmingham B4 7ET

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Email: a.v.bridgwater@aston.ac.uk

Fax: +44 121 204 3680

Closing Date: 30 June 2010.