



**RESEARCHER
LINKS**



Workshop Title: *Generation, Storage and Utilisation of Renewable Hydrogen: Towards Sustainable Energy.*

UK coordinator: *Professor Duncan H. Gregory, University of Glasgow*
Partner Country coordinator: *Professor SahabDass, Dayalbagh Educational Institute (DEI), India*
Discipline: *Chemistry, Physics and Materials Science*

Dates and venue: *30th November – 5th December 2018; DEI, Dayalbagh, Agra, India*

The programme, 'British Council Researcher Links' provides opportunities for early career researchers from the UK and internationally to interact, learn from each other and explore opportunities for building long-lasting research collaborations.

As part of this programme, we are now recruiting early career researchers (ECRs) to participate in the above workshop. The workshop will be held for early career researchers whose research interests lie in the areas of sustainable generation of hydrogen and its subsequent storage and utilization in fuel cells. The aims of the workshop are:

- To present and discuss the new scientific and technological advances in areas including: (a) photoelectrochemical (PEC), photocatalytic (PC) and biomass hydrogen generation; (b) liquid and solid-state hydrogen storage systems and (c) fuel cell devices and clean combustion.
- To introduce participants to the fundamental issues and principles that underpin the above concepts and technologies.
- To assess the current state of knowledge and technological status of renewable hydrogen generation, storage and utilization and to identify the major hurdles/problem areas that exist.
- To provide long term mentoring and networking opportunities for ECRs to help establish their careers in sustainable energy and to develop an increased international profile within their community.
- To identify routes to the future development of devolved and/or autonomous power for impoverished and disadvantaged communities in India and elsewhere.

The objective is to translate laboratory knowledge to useful technologies that could find application in disadvantaged, remote communities, such as those in rural India. Participant-groups will include researchers from both India and the UK and this will build robust networks and allow the sharing of ideas. The workshop will be held in English.

The workshop will provide a unique opportunity for sharing research expertise and networking. During the workshops ECRs will have the opportunity to present their research in the form of a short oral presentation and discuss this with established researchers from the UK and partner countries. There will be a focus on building up links for future collaborations and participants will be selected based on their research potential and ability to build longer term links.

The British Council and the Royal Society of Chemistry will cover the costs related to participation at the workshop, including: travel (both international and local), accommodation and meals. Costs for a visa and travel insurance will be covered; however, participants will be responsible for making all the necessary arrangements. The British Council accepts no responsibility for any problems which may occur when the participants are in India.

Application and Deadline:

A full application form must be completed and submitted by 17.00 (UK time), **Friday 14th September 2018** to: Duncan.Gregory@glasgow.ac.uk and drsahabdas@gmail.com.

Eligibility Criteria:

- Applications must be submitted using the Researcher Links application form
- Applications must be submitted before the above deadline
- Participants must be Early Career Researchers: Early Career Researchers are defined as holding a PhD and having up to 10 years post-PhD research experience.
- Participants must have a research or academic position (a permanent post, research contract, or fellowship etc) at a recognised research institution (higher education/research institution or relevant industrial R & D organisation) either in the UK or in India
- Please note that participants are expected to attend all sessions of the workshop.

Quality Assessment

- Experience and relevance of the applicant's research area to the workshop
- Motivation and contribution to the aims of the workshop
- Statement of the long-term impact expected from participation in the workshop
- Ability to disseminate outcomes from the workshop

Selection Procedure:

- Eligibility check
- Quality assessment

Notification of results:

Applicants will be notified by e-mail 2 months prior to the workshop.

Equal Opportunities

Equal opportunities and diversity are at the heart of the British Council's cultural relations ambitions. While recognising that some research fields are dominated by one gender, co-ordinators are encouraged to work towards an equal gender balance, promote diversity. They must not exclude applicants on the basis of ethnicity, gender, religious belief, sexual orientation, or disability. Participants' selection undertaken by workshop organisers must not contravene this policy. Extra support to enable participation of Early Career Researchers with special needs will be given.



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Generation, Storage and Utilisation of Renewable Hydrogen: Towards Sustainable Energy - Application Form.

Name and Title: _____

Gender: _____

(For statistical purposes only)

Position _____

Institution _____

Postal Address _____

E-mail _____

Tel. _____

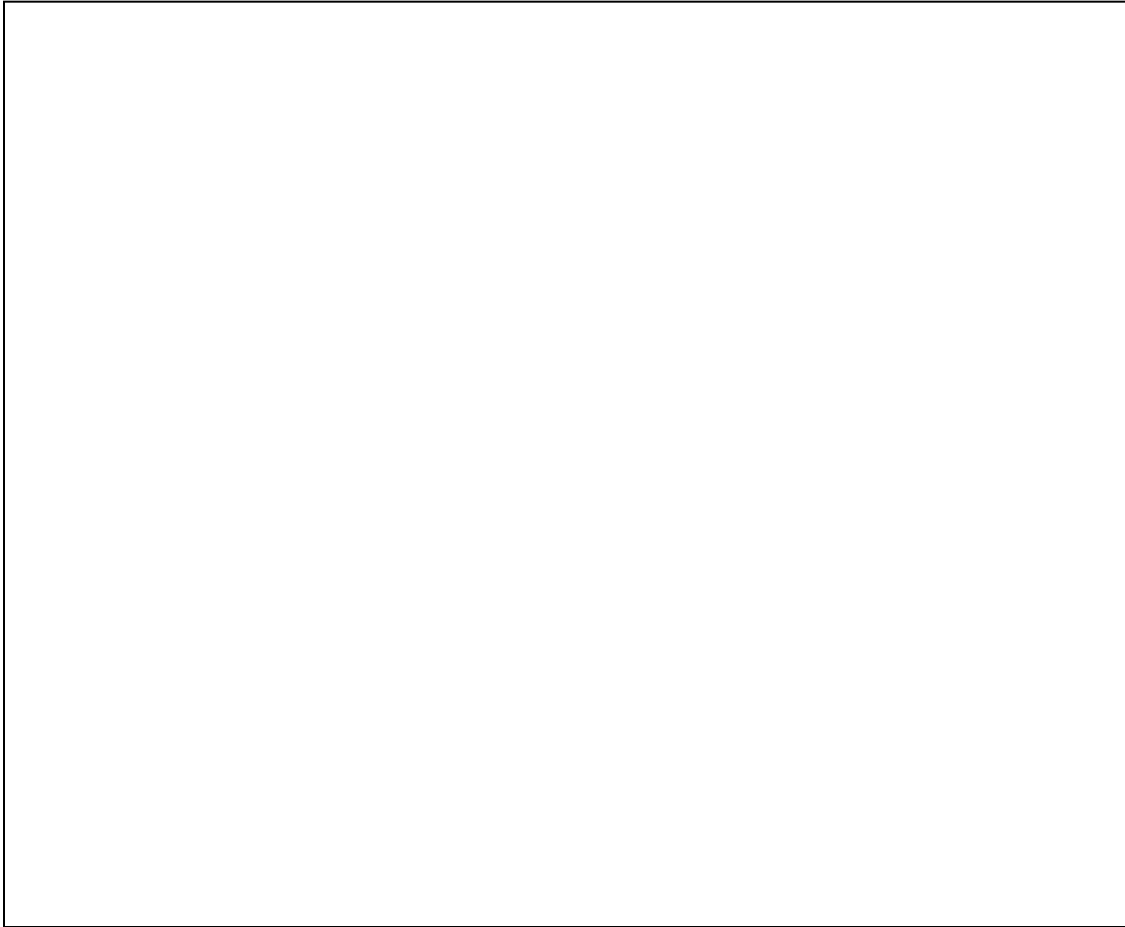
Was your PhD awarded in last 10 years (2009-2018)?

Yes No

Thesis Title: _____

Brief CV:

(Up to ½ page A4; please include academic career summary, 5 of your best publications, markers of esteem and any other relevant information – no more than half a page.

A large, empty rectangular box with a thin black border, intended for the user to write their brief CV. It occupies the central portion of the page.

Summary of your area of research related to the core theme of this workshop (150 words).

A large, empty rectangular box with a thin black border, intended for the user to write a 150-word summary of their research. It is positioned below the text prompt.

Please describe your motivation to attend the workshop and how the workshop matches your professional development needs (150 words).

Please describe the expected impact of your participation in the workshop on your personal and professional development, including your ability to work on an international level (150 words).

Please indicate how you will disseminate the outcomes of the workshop and the new knowledge/skills you have acquired (150 words).

Please indicate your ability to work and communicate in English

- Native Speaker
- Excellent
- Good
- Need Support

Please use this space to give any additional information that you feel is relevant for the

application (150 words)