

THE DOW CORNING YOUNG SCIENTIST AWARD *for Excellence in Silicon Chemistry*

Purpose

To recognize and encourage technical and intellectual excellence in silicon chemistry within the younger academic community and to provide a mechanism for sharing research results with a broader audience.

Scope

This Award, sponsored by Dow Corning Corporation, will be presented as part of the 2007 European Silicon Days conference to be held at the University of Bath, UK. The intention is for it to be a biennial award coinciding with future European Silicon Days meetings. The Award itself will consist of

- A commemorative
- A cash prize of €700
- Free attendance at the conference, including accommodation and conference banquet plus travel expenses up to a maximum of €200
- The opportunity to present one's research *via* an oral paper at the 2007 European Silicon Days meeting

Eligibility

Any undergraduate, masters, or doctoral student studying in the field of Silicon-based Science and Technology may apply for this Award. The submission should be based on the student's own research done as part of their academic studies. It is expected that the students themselves will write the Abstracts (see below) not the Supervisors. Post-doctoral Research Fellows and other recent graduates are eligible so long as they are:

- within one year of completing their degree and
- the Submission is based on work done while a student and not done thereafter.

Students must register to attend the 2007 European Silicon Days conference before being considered for the award.

Selection

Students wishing to be considered should submit an extended abstract in English of between one and two pages of A4, no less than 10 point type, inclusive of formulae and/or diagrams **by 1st March 2007**. Preferred format is pdf. Abstracts should include the student's name and contact details, name of institution(s) where the work was done, and the supervisor(s).

Please send abstracts to EODAbstracts@mmsconferencing.com

A panel of judges, with members from both industry and academia, will review all the submissions and choose the best piece of research based on the Criteria below. It is expected that the winner will be informed by 30th June 2007.

Criteria for Assessment

Relevance: the work should be based substantially on the chemistry of silicon, practical or theoretical.

Originality or Discovery: does the work display a high degree of novelty? Does it break new ground? It should not be derivative or simply an extension of well known science.

Understanding: does the submitter really understand the scientific basis for the work/results and, allowing for English not being a first language, can they explain them coherently?

Complexity and Success: bearing in mind the experience of the student, how complex was the problem being tackled or the science and technology being investigated ? Were the intended goals met ? If not the intended goals, were any serendipitous findings acted upon and understood ?

Applicability: does the piece of work have application ? This could be direct immediate or potential future application in industry or commerce or of general societal need (*e.g.*, in relation to sustainability) or fundamental understanding which helps to explain or improve science or technology currently in use or under development in the wider world. It is recognised that the value of much fundamental science is not always immediately obvious but we would look for the students to be able to place their work in a wider context.

Appendix 1: Judging Committee

The following people were nominated by Eric Peeters (S&T Director, Dow Corning), the Conference Chair:

Industry (all Dow Corning)

Dr. Richard G. Taylor, UK

Dr. Thierry Materne, Belgium

Dr. Iain A. MacKinnon, UK

Academia*

Prof. Alan Bassindale, Open University, UK

Dr. Paul Lickiss, Imperial College, UK

Prof. Kieran Molloy, University of Bath, UK

(**i.e.*, local committee members)