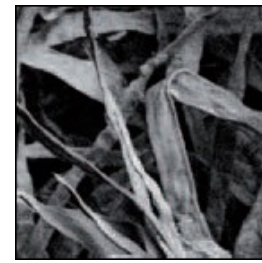


Printing and Graphics Science Group

Alan Hodgson
Group Secretary
October 2008

<http://pgs.iop.org>



Group Scope

The Group promotes the application of the physics involved in printing and graphic arts technologies, processes for imaging and manufacturing together with the related technologies of psychophysical testing, lighting, photovoltaics and smart packaging.



Group Purpose

- To promote the application of physics in graphics arts technologies, printing, packaging and papermaking.
- To promote the development of innovative printing in new markets such as displays, lighting and printed electronics.
- To further the recognition of the importance of physics in those industries, and advocate physics in these industries as a career choice to graduates.
- To act as a forum for communication within the scientific community in these industries.



Group Activities

- Conferences, technical meetings and visits to companies, laboratories and other venues.
- Annual Student Conference.
- Financial support for students via a grant and travel funds.
- Annual prize for the best application of physics in the subject areas.
- Annual Newsletter.
- Website <http://pgs.iop.org> covering the Group's activities with useful external links.



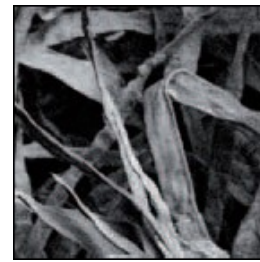
Conferences

- Preservation and Conservation Issues
Related to Digital Printing and Digital
Photography
 - 2000 – IOP, London
 - 2003 – Heriot-Watt University, Edinburgh
 - 2006 – IOP, London
 - 14 papers, 5 posters, tutorial, 76 delegates
 - 2009 – IOP, London: April 20-21
 - Past proceedings can be purchased from IOP.
- Division Conference “Novel Applications of
Surface Modification”.
- Group Conference under consideration.



Recent Meetings

- **Dynamics of Printed Drops and Liquid Films**
- **Integrated Manufacture by Printing Colloquium**
Joint with the Welsh Centre for Printing and Coating.
- **Archiving 2008** *Co-sponsor of meeting of Society for Imaging Science and Technology*
- **2nd International Workshop on Collaborating over Paper and Digital Documents** *Joint with CoPADD*
- **Novel Applications of Surface Modification**
IOP Applied Physics & Technology Division
- **Viewing Conditions for the Printing Industry**
- **Printing of Functional Materials** *Joint with RSC*
- **The 1931 Standard Eye** *Joint with the Colour Group (UK)*
- **Printing, Paper, Packaging and Publishing**
Joint with Retired Members Section, London and SE Branch



Support for Students

- **Annual Student Conference**
Venue to be confirmed
 - For students to present work in progress or recently completed. An opportunity to meet students in PGS areas. Not restricted to physics departments or physics graduates. Free registration, travel expenses paid for speakers.
- **Student Grant**
 - To support a UK-based student engaged in postgraduate research in a PGS topic, where physics is applied. The value of this award is a one-off payment of £500.
- **AP&T Division Prize**
 - £100 for poster presentation at an AP&T conference
- **IOP Research Student Conference Fund**
 - Up to £250 award for conference attendance

