

Society of Dyers and Colourists

Subjects Covered by Coloration Technology

Colorants

- Molecular structure and physical form and the effects of these on application and in-service properties
- Chemistry, synthesis and manufacture

Chemicals

- Composition and mode of action of chemicals used at any stage in coloration, including pre- and post-coloration processes

Application practice

- Processing operations on different types of laboratory and bulk-scale equipment
- Practical significance of any processing variants
- Developments in coloration processes

Application theory

- Chemistry and physical chemistry of coloration processes
- Correlation with industrial practice

Analysis and testing

- Identification and characterisation of colorants, substrates, finishes and chemicals in substance and on substrates
- Identification of faults
- Fastness testing
- Equipment and techniques

Theory and practice of ancillary processes

- Processes involved in coloration or in the achievement of the final coloured product

Plant, management and services

Provided that it is directly related to coloration, information on:

- Building
- Machinery
- Works engineering and organisation

- Automation, instrumentation and control
- Power and energy resources
- Water quality, supply and handling
- Effluent, pollution and environmental factors
- Purification and handling of solvents
- Laboratory organisation, equipment and techniques
- Management
- Health and safety
- Legislation
- Technical marketing and market statistics

Physico-chemical aspects of colour

- Colour and constitution
- Colour theory
- Colorimetry and equipment
- Colour matching
- Colour vision
- Spectra
- Photochemistry of colorants, substrates and chemicals

Further information

If you consider your paper to fall into one of these categories, please submit it to the editorial office. [Author guidelines](#) are also provided which should be followed when preparing any manuscript for submission. Please [email](#) if you need further information.