

# Hichrom Short Seminars – opportunities to improve your skills - for busy chromatographers

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A series of short (1-2 hour), low cost seminars exploring a wide range of topics. These courses represent valuable opportunities to improve your skills and knowledge in key areas of chromatography and keep up-to-date with the latest developments

## Who should take these courses?

These short seminars aim to provide busy chromatographers with the opportunity to keep up-to-date with the latest developments and key skills in the industry, without placing burdensome demands on hectic work schedules. If you are involved in practical, 'hands-on' chromatography and want to stay ahead of the competition, then these low cost, concentrated learning experiences are ideal for you. These seminars last approximately 1 to 2 hours and can be delivered as breakfast, lunch or evening seminars (or any other time!), either at your company or at a venue local to you, at a convenient date and time. Following the main seminar, an opportunity for delegates to stay on for an open Q&A session, or a more in-depth discussion about a specific problem or topic, can be arranged.

## Superficially Porous Phases – Development and Benefits for HPLC/UHPLC

Superficially porous or core shell particle phases are becoming increasingly popular in today's laboratory. This course will introduce you to the development of solid-core particle technology and the anatomy of a modern core shell particle. It will demonstrate how reduction in band broadening with these phases enables chromatographic separations to be performed with increased resolution and higher sensitivity, compared to fully porous phases. The range of particle sizes currently available for both small molecule and larger biomolecule separations will be discussed, along with parameters to be considered when transferring methods from fully porous to core shell phases. Examples will be shown to demonstrate how ultra-fast separations can be achieved without excessively high operating pressures. This course will enable you to develop faster HPLC/UHPLC analyses, thereby increasing laboratory productivity.

- Anatomy of core shell particles
- Effects of reduction in band broadening
- Improvements in resolution and sensitivity
- Increased speed of analysis
- Range of particle sizes and phases
- Transfer of methods to core shell phases

**Available as an in-house or off-site course. Contact us for details**

**Tel: 0118 930 3660 Email: [seminars@hichrom.co.uk](mailto:seminars@hichrom.co.uk)**



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