The course will be of interest to staff and students in accelerator laboratories, university departments and companies working in or having an interest in the field of new acceleration techniques. Following introductory lectures on plasma and laser physics, the course will cover the different components of a plasma wake accelerator and plasma beam systems. An overview of the experimental studies, diagnostic tools and state of the art wake acceleration facilities, both present and planned, will complement the theoretical part. Topical seminars and a visit of CERN will complete the programme.

Contact:
Barbara Strasser
CERN Accelerator School
CH - 1211 Geneva 23
Tel.: +41 22 767 8607 / Fax: +41 22 767 5460
email: barbara.strasser@cern.ch
http://cas.web.cern.ch/cas