

14th International Conference on Pressure Surges Eindhoven, The Netherlands; 12th - 14th April 2023

Pressure Surges

Pressure Surge is the name adopted for the study of the behaviour of liquid (typically water) systems under transient conditions (pump or valve operation, for example). Pressure surge has been, and continues to be, responsible for major failures but our understanding of how to control the phenomenon is still incomplete.

The concept of rapid changes of flow in a system giving rise to high pressures has been acknowledged for a couple of centuries. Only when digital computer analysis became possible in the late 1960s did the topic attract the interest it deserved. Following pioneering seminars in 1970 and 1971, the first International Conference on Pressure Surges was held in Canterbury, Kent, UK in 1972. The full list is:

- [PS1](#) 1972 Canterbury
- [PS2](#) 1976 London
- PS3 1980 Canterbury
- PS4 1983 Bath
- PS5 1986 Hannover
- PS6 1989 Cambridge
- UF & FT 1992 Durham
- PS7 1996 Harrogate
- PS8 2000 The Hague
- PS9 2004 Chester
- PS10 2008 Edinburgh
- PS11 2012 Lisbon
- PS12 2015 Dublin
- PS13 2018 Bordeaux
- PS14 2023 Eindhoven

All of these, except the 1992 outing to Durham which was run by HR Wallingford, have been managed by BHR Group until their decision not to support PS14.