



Foreword

From 6–8 July 1998, the 14th International Conference on Liquid Atomization and Spray Systems (ILASS–Europe) was held in Manchester, UK providing a platform for reporting more than 100 papers on the title topics. While not suggesting that research in single-phase fluid mechanics has begun to decline in importance, undoubtedly efforts in the field of Atomization and Sprays are intensifying, and diversifying. This may readily be seen from the fact that attendance at the 14th Conference was over 170, some 60% more than that at the 13th meeting in Pisa in 1997 which was itself a record.

It was felt timely, therefore, to bring this burgeoning research activity in Atomization and Sprays to the attention of IJHFF readers by way of this special issue. From the 100+ papers presented at the Conference we have brought 14 of the best for inclusion in this issue. Each of the conference papers has been re-reviewed following standard IJHFF procedures following which the papers have been edited, sometimes substantially, from the conference version. In several cases authors have provided additional detail that they could not accommodate within the 6-page limit of the conference version. It is therefore our hope that the papers forming this issue will provide a valuable addition to the archival literature in Atomization and Sprays. The selected papers are grouped so that the early papers address fundamental matters of droplet formation and impact. Thereafter the behaviour of sheets and jets is considered while the later papers address problems arising in practical atomization systems.

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