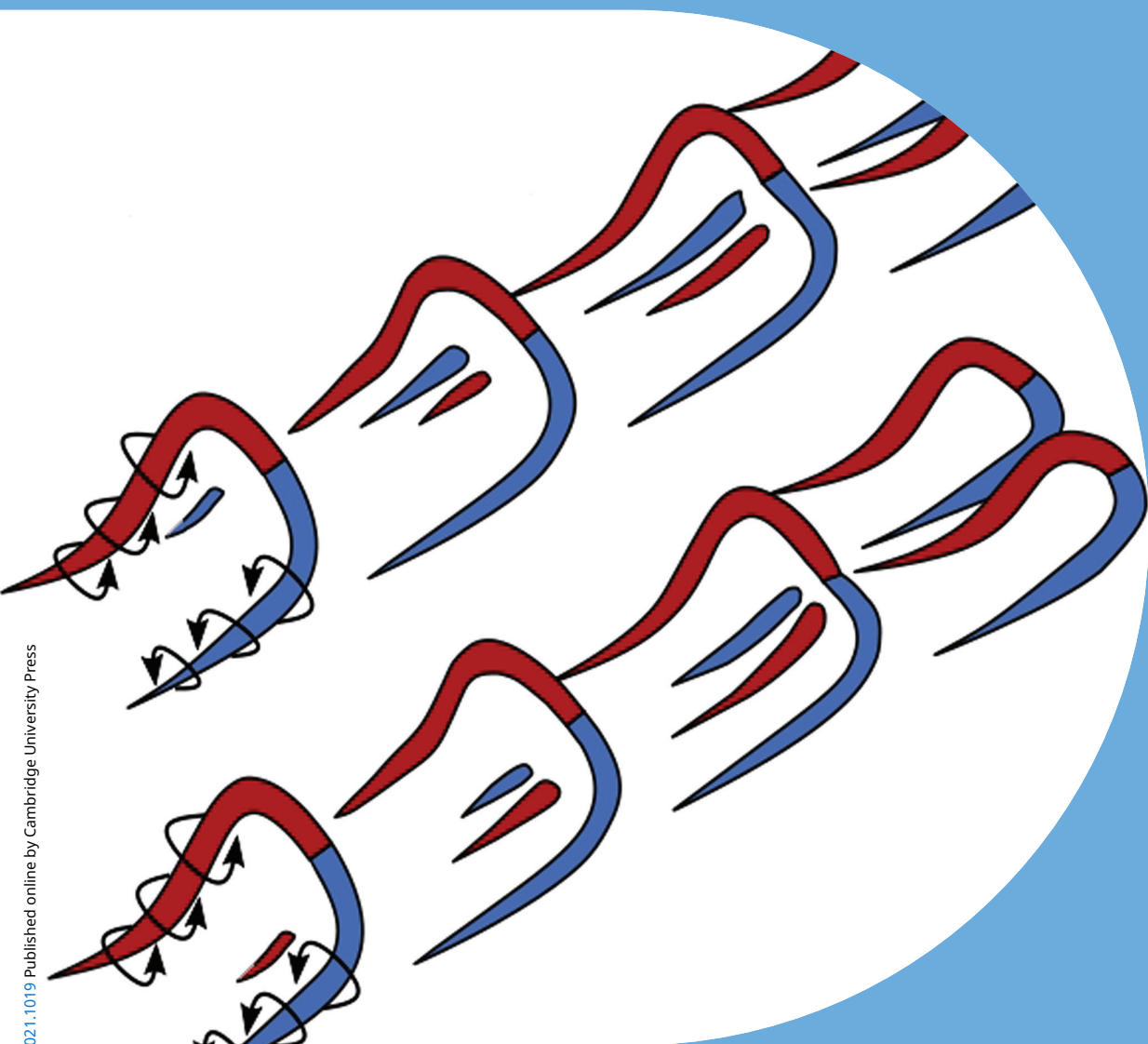


JFM JOURNAL OF FLUID MECHANICS



<https://doi.org/10.1017/jfm.2021.1019> Published online by Cambridge University Press

VOLUME 930

10 January 2022



CAMBRIDGE
UNIVERSITY PRESS

The JOURNAL OF FLUID MECHANICS exists for the publication of theoretical, computational and experimental investigations of all aspects of the mechanics of fluids.

EDITOR

Prof. M. G. Worster, University of Cambridge, mgw.jfm@damtp.cam.ac.uk

DEPUTY EDITORS

Prof. C. P. Caulfield, University of Cambridge, c.p.caulfield@damtp.cam.ac.uk

Prof. C. Meneveau, Johns Hopkins University, meneveau@jhu.edu

BOOK REVIEW AND FOCUS ON FLUIDS EDITOR

Prof. A. Juel, University of Manchester, anne.juel@manchester.ac.uk

ASSOCIATE EDITORS

Prof. Silas Alben, University of Michigan,
alben@umich.edu

Prof. N. Balmforth, University of British Columbia,
njb@math.ubc.ca

Prof. O. Bühler, Courant Institute of Mathematical
Sciences, obuhler@cims.nyu.edu

Prof. C. Cenedese, Woods Hole Oceanographic
Institution, ccenedese@whoi.edu

Prof. H. Choi, Seoul National University,
choi@snu.ac.kr

Prof. J.-M. Chomaz, LadHyX–CNRS–Ecole
Polytechnique, jfm.chomaz@ladhyx.polytechnique.fr

Prof. P. A. Davidson, University of Cambridge,
pad3@eng.cam.ac.uk

Prof. J. M. Gordillo, University of Seville,
jgordill@us.es

Prof. M. Juniper, University of Cambridge,
mpj1001@cam.ac.uk

Prof. G. Kawahara, Osaka University,
kawahara@me.es.osaka-u.ac.jp

Prof. J. Kirby, University of Delaware,
kirby@udel.edu

Prof. J. Magnaudet, Institut de Mécanique des
Fluides de Toulouse, magnau_jfm@imft.fr

Prof. I. Marusic, University of Melbourne,
imarusic@unimelb.edu.au

Prof. J. F. Morris, Lehigh University, CUNY City
College of New York, jfm@ccny.cuny.edu

Prof. P. Nott, Indian Institute of Science,
prnott@iisc.ac.in

Prof. M. Onorato, University of Turin,
miguel.onorato@unito.it

Prof. C. Pantano, University of Southern California,
USA, pantanor@usc.edu

Prof. J. J. Riley, University of Washington,
rileyj@u.washington.edu

Prof. S. Sarkar, University of California,
San Diego, ssarkar@eng.ucsd.edu

Prof. S. Sherwin, Imperial College,
jfluidmech@imperial.ac.uk

Prof. R. Verzicco, Università di Roma ‘Tor Vergata’,
verzicco_jfm@uniroma2.it

Prof. J. S. Wettlaufer, Yale University,
john.wettlaufer@yale.edu

Prof. K.-Q. Xia, The Chinese University of Hong
Kong, xia.jfm@phy.cuhk.edu.hk

RAPIDS EDITOR

Prof. É. Guazzelli, MSC, CNRS Université de Paris, elisabeth.guazzelli@univ-paris-diderot.fr

RAPIDS ASSOCIATE EDITORS

Prof. C. P. Caulfield, University of Cambridge, c.p.caulfield@damtp.cam.ac.uk

Prof. D. S. Henningson, KTH Mechanics, jfm@mech.kth.se

Prof. D. Lohse, University of Twente, lohse.jfm.tnw@utwente.nl

Prof. Sarah Waters, University of Oxford, UK, waters@maths.ox.ac.uk

PERSPECTIVES EDITOR

Prof. P. F. Linden, University of Cambridge, p.f.linden@damtp.cam.ac.uk

PERSPECTIVES ASSOCIATE EDITORS

Prof. M. Brenner, Harvard University,
brenner@seas.harvard.edu

Dr Berengere Dubrulle, French National Centre for
Scientific Research CNRS, France,
berengere.dubrulle@cea.fr

Prof. Rich Kerswell, University of Cambridge, UK,
r.r.kerswell@damtp.cam.ac.uk

Prof. J. Magnaudet, Institut de Mécanique des
Fluides de Toulouse, magnau_jfm@imft.fr

Prof. Sarah Waters, University of Oxford, UK,
waters@maths.ox.ac.uk

Cover image: Graphical abstract from Dai, A. & Huang, Y. 2022. On the merging and splitting processes in the lobe-and-cleft structure at a gravity current head. *J. Fluid Mech.* **930**, A6. doi:10.1017/jfm.2021.906.